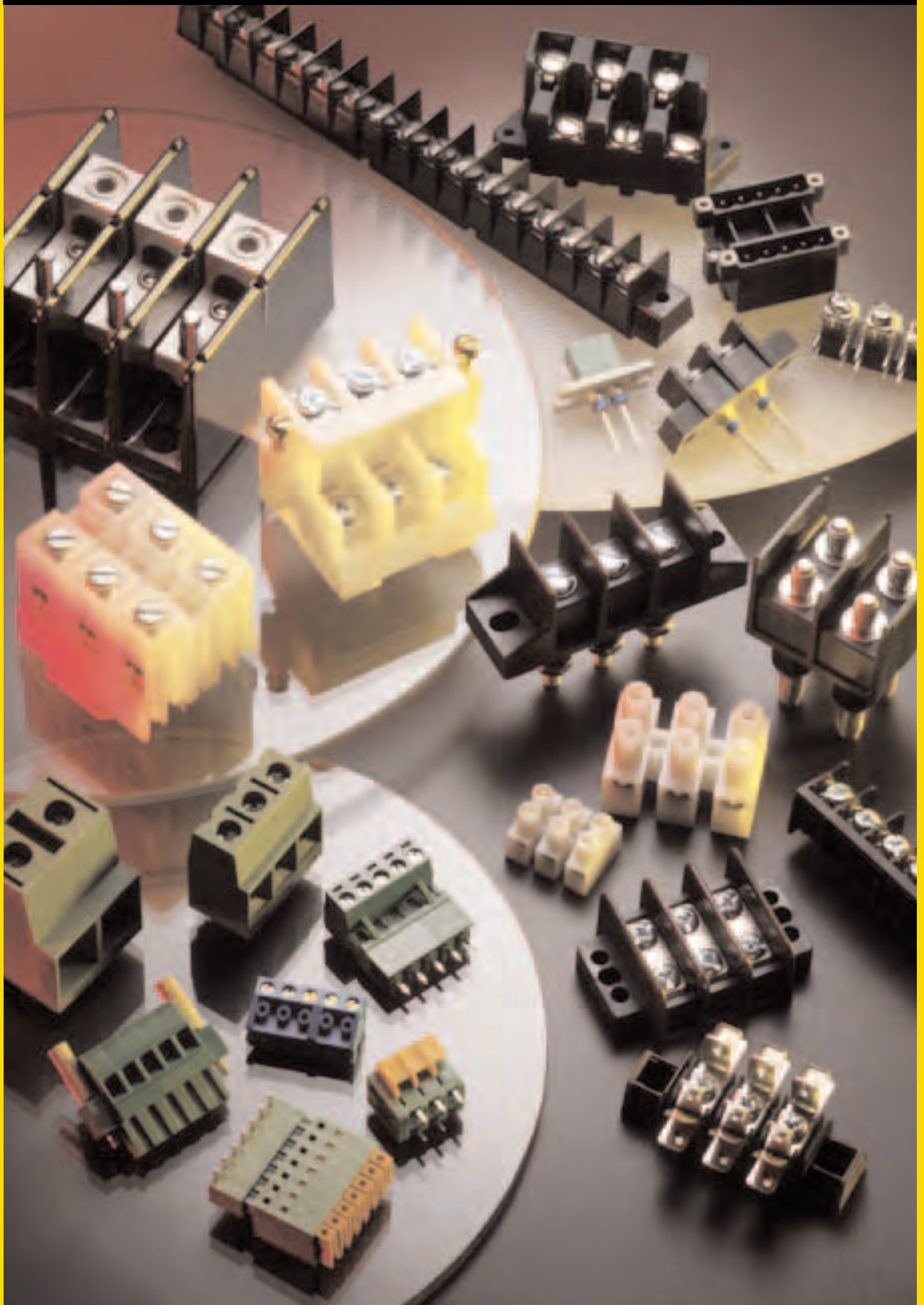


MAGNUM[®]

Terminal Blocks / Power Distribution Blocks / Interconnect Devices





MAGNUM, formerly known as Bussmann Circuit Components, is a product family of Cooper Bussmann. MAGNUM manufactures the most complete selection of terminal blocks including North American and European style terminal blocks, DIN rail sectional blocks, and power distribution blocks. Along with this wide range of terminal blocks, MAGNUM also manufactures circuit protection devices, disconnect switches and custom products for the electronic and electrical marketplace.

With over fifty years of exceptional service and quality products, MAGNUM continues to be a world leader in the terminal block market. We believe in building long-term relationships with our customers and strive to exceed all expectations through superior customer service, quality products, and continuous improvement.

CUSTOMER SERVICE

All MAGNUM team members take pride in their work to provide our customers with superior products and service. At MAGNUM, we work as a team to satisfy our customers and will go that extra mile to meet our customers' needs! Qualified professionals process all communications, inquiries, quotations, and purchase orders while coordinating the scheduling and shipping to ensure on-time delivery. We strive to maximize productivity, minimize problems, and assure our customers of high quality products and service. Our innovative team of design engineers will design and develop products for any applications and our knowledgeable technical staff is available to help you with all your product needs. MAGNUM is the only source you need for quality products and superior customer service.

QUALITY

MAGNUM's commitment to providing quality products and service is apparent at all levels of the production process. In 1994, MAGNUM was awarded ISO9001 certification which encompasses all functional areas of our business including design and development, purchasing, production, quality control and customer service. Along with ISO certification, MAGNUM also complies to UL, CSA, IEC and CE standards. In addition, MAGNUM utilizes and maintains a complete in-house lab facility for performing UL, CSA, and IEC qualification testing. This saves valuable time and money by eliminating the costly expense and procedures involved in gaining agency approvals. With MAGNUM, you can be assured to receive the highest quality in interconnection products.

CONTINUOUS INNOVATION

At MAGNUM, we are continually searching for new ways to improve our products and processes to provide our customers superior value. Customers can transmit orders and expedites through EDI, which saves time and eliminates unnecessary paperwork. Our design engineers utilize state-of-the-art technology and design software which provides a quick turn-around time for product designs and prototypes. Our manufacturing team currently uses Kan Ban and JIT processes to ensure on-time delivery of all MAGNUM products. Let MAGNUM show you how fifty years of experience and continuous innovation can have a positive impact on your business!

*Get Connected With **MAGNUM!***

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This catalog is intended to present product data and provide technical information that will help you, the end user, with design application. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this catalog. Once a product has been selected, it should be tested by the user in all possible applications.

Single & Double Row
Filtered Connectors

EUROMAG SERIES

Base & Rail Mount
Connectors

Power Distribution Blocks

WIRE MANAGEMENT PRODUCTS

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Series A5000 & Series CB5000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: 10A, 300V*

Center Spacing: .250" (6.35 mm)

Wire Range: #16-30 AWG CU

Screw Size: #3-48 zinc plated phillslot SEMS screws, wire-ready standard

Torque Rating: 4 in.-lbs.

Distance Between Barriers: .20" (5.08 mm)

Recommended PCB Hole Diameter: .062" (1.57 mm)

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 1600V rms

Agency Information: UL/CSA; CE Certified

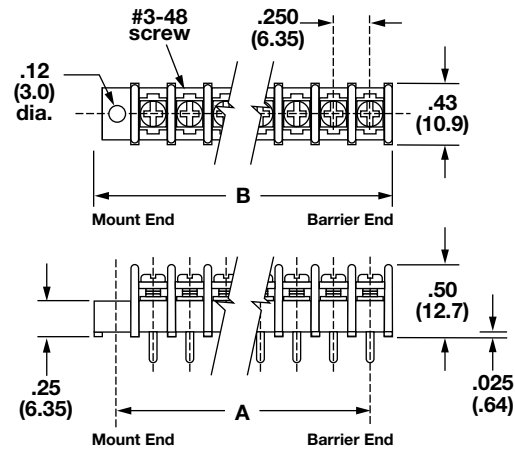
* Max. rating shown; some options may be rated lower – consult factory.



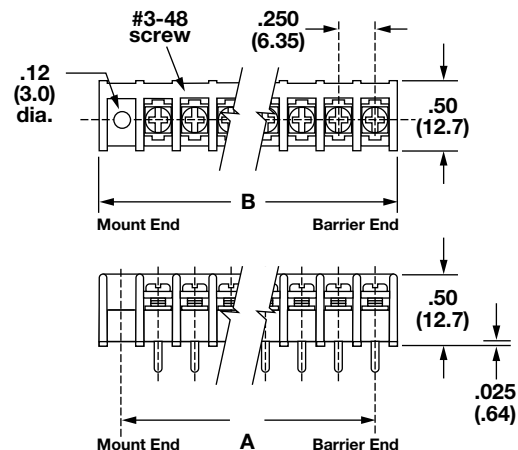
Poles	MOUNTING ENDS		BARRIER ENDS	
	A Mount Centers	B Overall Length	A Pole Centers	B Overall Length
02	.75	1.06	.25	.56
03	1.00	1.31	.50	.81
04	1.25	1.56	.75	1.06
05	1.50	1.81	1.00	1.31
06	1.75	2.06	1.25	1.56
07	2.00	2.31	1.50	1.81
08	2.25	2.56	1.75	2.06
09	2.50	2.81	2.00	2.31
10	2.75	3.06	2.25	2.56
11	3.00	3.31	2.50	2.81
12	3.25	3.56	2.75	3.06
13	3.50	3.81	3.00	3.31
14	3.75	4.06	3.25	3.56
15	4.00	4.31	3.50	3.81
16	4.25	4.56	3.75	4.06
17	4.50	4.81	4.00	4.31
18	4.75	5.06	4.25	4.56
19	5.00	5.31	4.50	4.81
20	5.25	5.56	4.75	5.06
21	5.50	5.81	5.00	5.31
22	5.75	6.06	5.25	5.56
23	6.00	6.31	5.50	5.81
24	6.25	6.56	5.75	6.06
25	6.50	6.81	6.00	6.31
26	6.75	7.06	6.25	6.56
27	7.00	7.31	6.50	6.81
28	7.25	7.56	6.75	7.06
29			7.00	7.31
30			7.25	7.56

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

A5000 Series



CB5000 Series

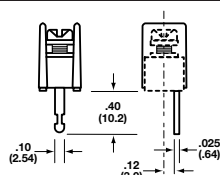


Part Numbering System

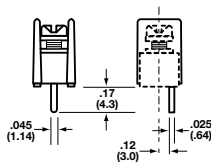
Series	Terminal Style	Base/End	Poles	Screw Options	Options
A5 CB5					
A5 - standard barrier CB5 - closed barrier	01 - handwired 02 - printed circuit 03 - non feed-thru 04 - wire wrap tail	1 - mount end 2 - barrier end	02 to 30 02 to 28 on mount end base	07 - steel SEMS std. wire ready	C1 to C8 - .110" QC L1 to L6 marking options (pg 22) LT1 to LT6 marking options (CB5 only-pg 22) OJ - over barrier jumper S1 - single solder lug/flat S2 - double solder lug/flat (A5 only)

Terminal Styles

Inches (Millimeters)



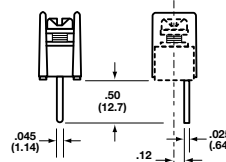
01
Handwired



02
Circuit Board



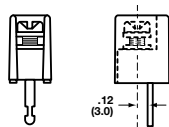
03
Non Feed-Thru



04
Wire Wrap Tail

CB5 Terminal Exit Options

Inches (Millimeters)



Exit Rear (std.)

Screw Options Wire ready screws standard on all terminal styles



07
Steel SEMS
Zinc Plated



07
Standard
Wire Ready

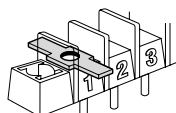
Hardware Options (Bulk ordering part numbers are in parentheses.)

Jumpers

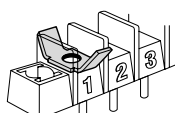


OJ12

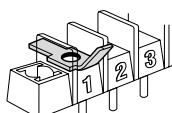
Quick Connects Blade Width .110" (For other orientations, contact factory.)



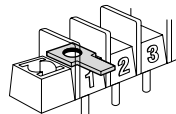
C1 (5C1) *



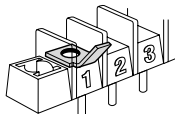
C2 (5C2) *



C4 (5C4) *



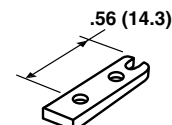
C7 (5C7)



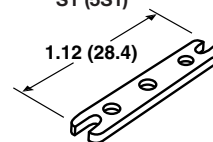
C8 (5C8)

* N/A on CB5 Series.

Solder Lugs



S1 (5S1)



S2 (5S2)

Series A1000 & Series CB1000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: 20A, 150V

Center Spacing: .325" (8.26 mm)

Wire Range: #14-22 AWG CU

Screw Size: #6-32 zinc plated phillslot wire-ready screws with a #2 driving recess.

Torque Rating: 9 in-lb.

Base: Standoffs are standard on CB1000 Series for easy flux washing.

Distance Between Barriers: .26" (6.6 mm)

Recommended PCB Hole Diameter: .070" (1.78 mm)

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 1600V

Agency Information: UL/CSA; IEC Compliance; CE Certified

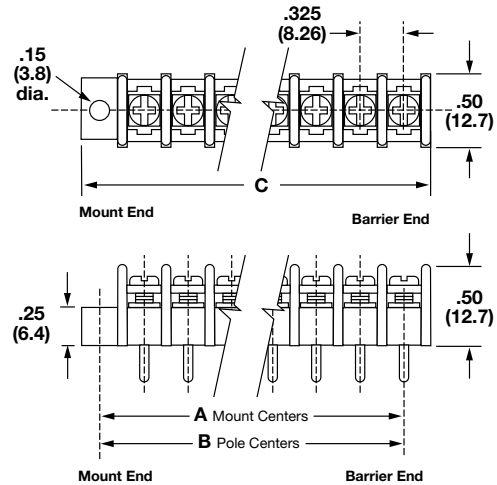


CB10210707

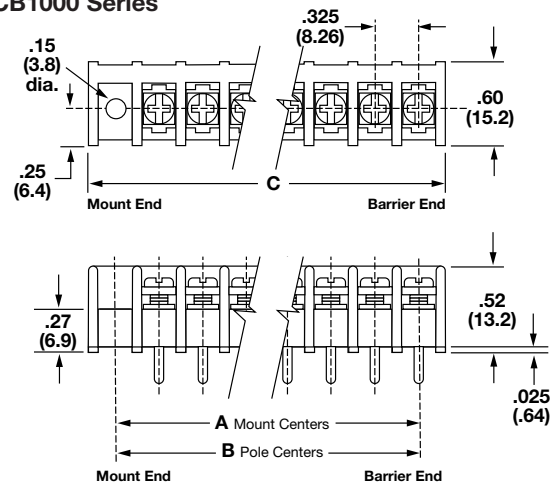


A102206

A1000 Series



CB1000 Series



Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B	BARRIER ENDS ONLY C
	Mount Ctrs.	C Length	Pole Ctrs.	C Length
02	.98	1.37	.33	.72
03	1.30	1.69	.65	1.04
04	1.63	2.02	.98	1.37
05	1.95	2.34	1.30	1.69
06	2.28	2.67	1.63	2.02
07	2.60	2.99	1.95	2.34
08	2.93	3.32	2.28	2.67
09	3.25	3.64	2.60	2.99
10	3.58	3.97	2.93	3.32
11	3.90	4.29	3.25	3.64
12	4.23	4.62	3.58	3.97
13	4.55	4.94	3.90	4.29
14	4.88	5.27	4.23	4.62
15	5.20	5.59	4.55	4.94
16	5.53	5.92	4.88	5.27
17	5.85	6.24	5.20	5.59
18	6.18	6.57	5.53	5.92
19	6.50	6.89	5.85	6.24
20	6.83	7.22	6.18	6.57
21	7.15	7.54	6.50	6.89
22	7.48	7.87	6.83	7.22
23	7.80	8.19	7.15	7.54
24	8.13	8.52	7.48	7.87
25	8.45	8.84	7.80	8.19
26	8.78	9.17	8.13	8.52
27	9.10	9.49	8.45	8.84
28	9.43	9.82	8.78	9.17
29	9.75	10.14	9.10	9.49
30	10.08	10.47	9.43	9.82
31	10.40	10.79	9.75	10.14
32	10.73	11.12	10.08	10.47
33	11.05	11.44	10.40	10.79
34	11.38	11.77	10.73	11.12
35			11.05	11.44
36			11.38	11.77

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

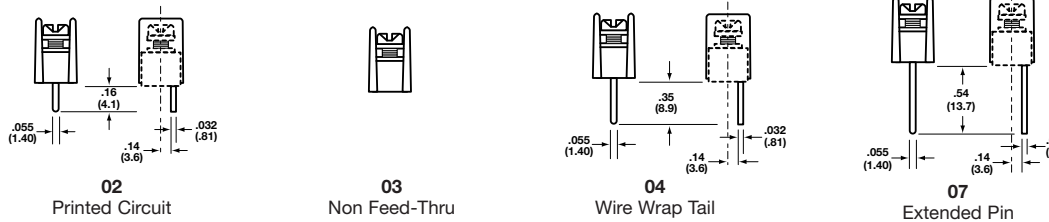
Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
A1					
CB1					
A1 - standard barrier CB1 - closed barrier	02 - printed circuit 03 - non feed-thru 04 - wire wrap tail 07 - extended pin	1 - mount end 2 - barrier end			AB & DR - angle mts. (A1 only-pg 5) B1 to B9 - .187" QC (all positions) EB - exit back terminals on CB1 w/07 screw option only JA, JB & JC - barrier jumpers L1 to L6 marking options (pg 22) LT1 to LT6 marking options (CB1 only-pg 22) MP & MT - mounting plates (pg 5) R26 & R45 - right angle bends (A1 only-pg 5)

Covers - (pg 23)

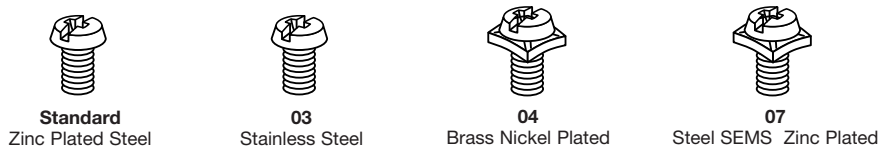
Terminal Styles

Inches (Millimeters)



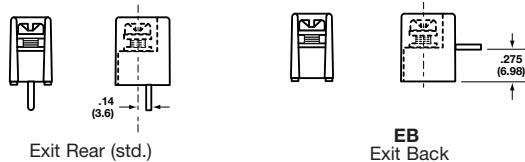
Screw Options

Wire ready screws standard on all terminal styles



CB1 Terminal Exit Options

Inches (Millimeters)

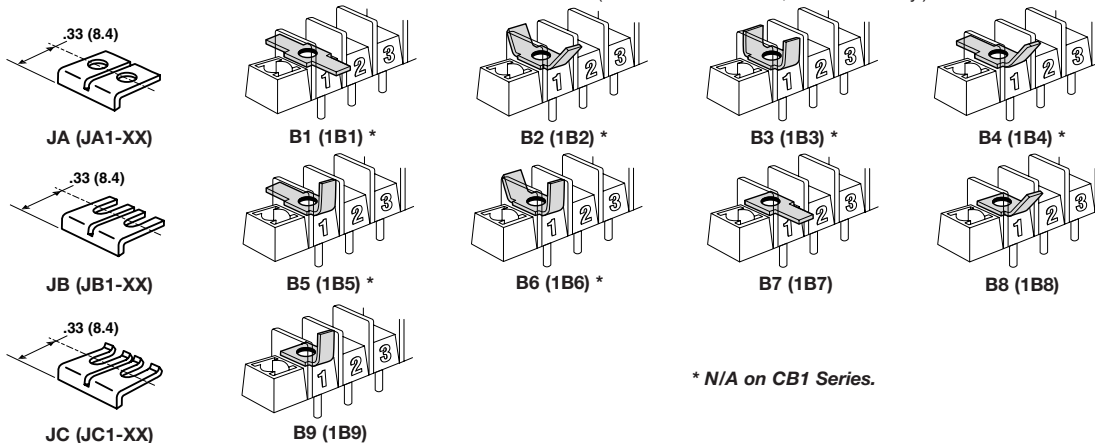


Hardware Options

(Bulk ordering part numbers are in parentheses.)

Jumpers

Quick Connects Blade Width B = .187". (For other orientations, contact factory.)



* N/A on CB1 Series.

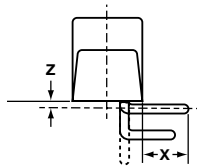
Series A1000 & CB1000 Single Row Terminal Blocks

Mounting Options

Inches (Millimeters)

Right Angle Bends (A1 only)

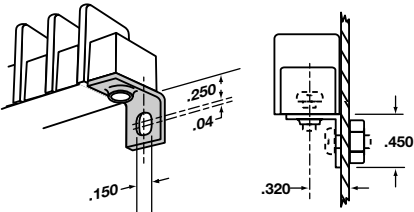
Right angle terminals are offered on the A1000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part no.



Bend Option Code	X (minimum)	Z
R26 (04 terminal only)	.14	.09
R45 (07 terminal only)	.33	.09

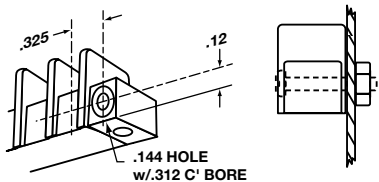
Dimensions in inches. To convert to millimeters, multiply by 25.4.

Angle Brackets (A1 only)



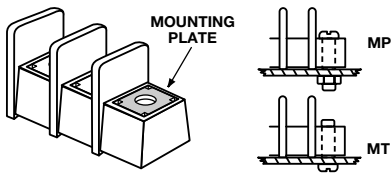
Option AB
Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part no. **1AB**.

Drilled Right Angle (A1 only)



Option DR
Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

Mounting Plates



Options MP & MT
MP Metal inserts with .150" dia. hole accept #6 screw. **MT** Metal inserts with tapped hole accept #6-32 screw. Bulk Part Nos. **1MP & 1MT**.

Series A2000, LP2000 & CB2000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: A2: 30A, 300V*

LP2: 30A, 150V*

CB2: 30A, 300V*

Center Spacing: .375" or 3/8" (9.52 mm)

Wire Range: #12-22 AWG CU

Screw Size: #6-32 zinc plated phillslot

Torque Rating: 9 in-lb.

Base: Standoffs standard for easy flux washing

Distance Between Barriers: .32" (8.1 mm)

Recommended PCB Hole Diameter: .076" (1.93 mm)

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 3400V (A2 & LP2); 4100V (CB2).

Agency Information: UL/CSA; IEC Compliance;

CE Certified

*30A Rating achieved with a #10 copper wire crimped to a ring terminal;
20A Rating without ring terminal.

A20510807WR



LP202110

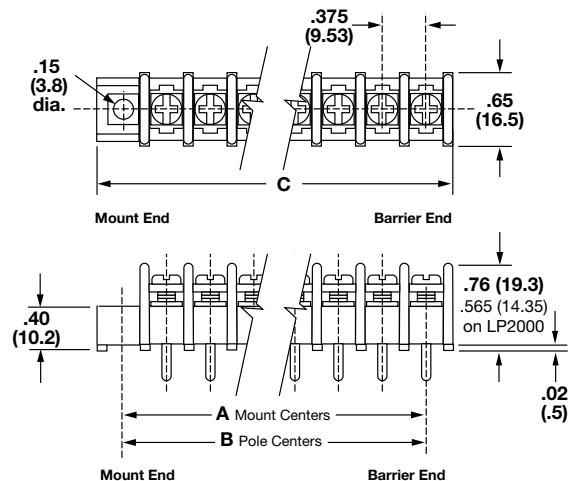


CB20210507

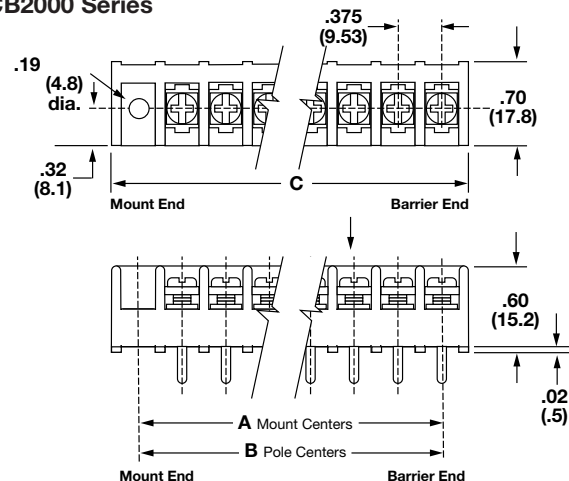
Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	1.13	1.56	.38	.81
03	1.50	1.93	.75	1.18
04	1.88	2.30	1.13	1.56
05	2.25	2.68	1.50	1.93
06	2.63	3.06	1.88	2.31
07	3.00	3.43	2.25	2.68
08	3.38	3.81	2.63	3.06
09	3.75	4.18	3.00	3.43
10	4.13	4.56	3.38	3.81
11	4.50	4.93	3.75	4.18
12	4.88	5.31	4.13	4.56
13	5.25	5.69	4.50	4.93
14	5.63	6.06	4.88	5.31
15	6.00	6.43	5.25	5.68
16	6.38	6.81	5.63	6.06
17	6.75	7.18	6.00	6.43
18	7.13	7.56	6.38	6.81
19	7.50	7.93	6.75	7.18
20	7.88	8.31	7.13	7.56
21	8.25	8.68	7.50	7.93
22	8.63	9.06	7.88	8.31
23	9.00	9.43	8.25	8.68
24	9.38	9.81	8.63	9.06
25	9.75	10.18	9.00	9.43
26	10.13	10.56	9.38	9.81
27	10.50	10.93	9.75	10.18
28	10.88	11.31	10.13	10.55
29	11.25	11.68	10.50	10.93
30	11.63	12.05	10.88	11.31
31			11.25	11.68
32			11.63	12.05

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

A2000 & LP2000 Series



CB2000 Series



Series A2000 & LP2000

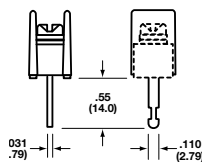
Single Row Terminal Blocks

Part Numbering System

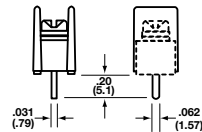
Series	Terminal Style	Base/End	Poles	Screw Options	Options
A 2					
L P 2					
A2 - standard barrier LP2 - low profile barrier	01 - handwired 02 - printed circuit 03 - non feed-thru 04 - wire wrap tail 05 - extended handwired 06 - handwired 07 - extended pin 08 - printed circuit 09 - .250 QC short 10 - .187 QC 14 - printed circuit 19 - .250 QC long	0 - flat base/molded mount end 1 - flat base/mnt. end 2 - flat base/barrier end 3 - insulator base/mnt. end 4 - insulator base/barrier end 5 - closed base/mount end 6 - closed base/molded mount end 9 - insulator base/molded mount end Base/End Note: 0, 6, 9 styles not available with covers. 5 & 6 Styles only available with 03 terminals.	02 to 32 02 to 30 on mount end base	Blank - std. screw 00 - screws shipped bulk 03 - stainless steel 04 - brass nickel plated 07 - steel SEMS (not available with hardware options) 09 - brass SEMS nickel plated (not available with hardware options) CA - captive screw 03CA - stainless steel captive 04CA - brass captive 07CA - SEMS captive 09CA - brass SEMS captive 07WR - steel SEMS wire ready (not available on LP2)	AB - angle mnt. options (pg 9) A1 to A9 - .250" QC B1 to B9 - .187" QC DR - drilled right angle (pg 9) JA, JB & JC - barrier jumpers L1 to L6 marking options (pg 22) MP, MP8 & MT mounting plates (pg 9) OJ2 & OJ4 - over barrier jumpers (not available w/covers) RC - retaining clips (pg 9) R30 to R77 - right angle bends (pg 9) SO - stand off insulators (pg 9) S1 - solder lug/flat Covers - (pg 23)

Terminal Styles

Inches (Millimeters)



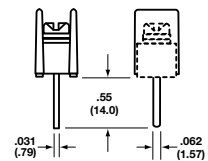
01
Handwired



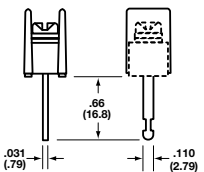
02
Printed Circuit



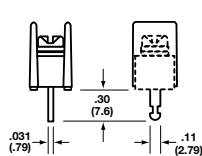
03
Non Feed-Thru



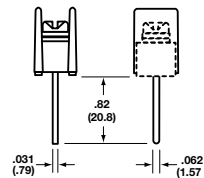
04
Wire Wrap Tail



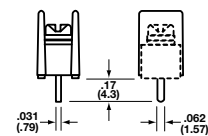
05
Extended Handwired



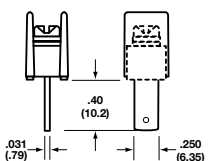
06
Handwired



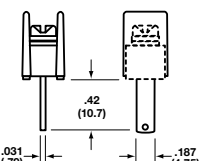
07
Extended Pin



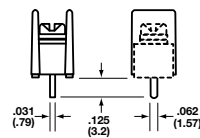
08
Printed Circuit



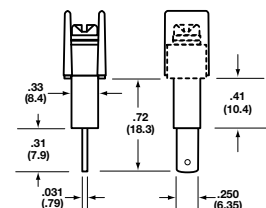
09
.250 QC short



10
.187 QC



14
Printed Circuit



19
.250 QC long

Series A2000 & LP2000

Single Row Terminal Blocks *Continued*

Screw Options



Standard
Zinc Plated Steel



03
Stainless Steel



04
Brass
Nickel Plated



07
Steel SEMS



09
Brass SEMS
Nickel Plated

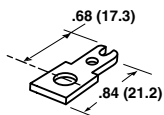


07WR
Wire Ready
(A2 only)

Hardware Options (Bulk ordering part numbers are in parentheses.)

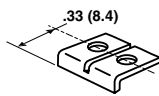
Inches (Millimeters)

Solder Lugs

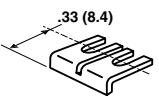


S1
(2S1)

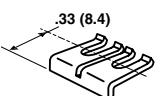
Jumpers



JA
(JA2-XX)



JB
(JB2-XX)



JC
(JC2-XX)



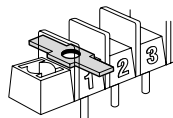
OJ2



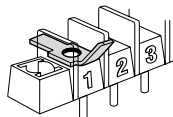
OJ4

Quick Connects

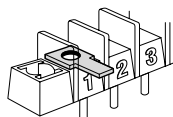
Blade Width A = .250" Blade Width B = .187"



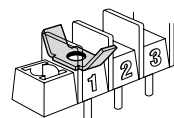
A1 & B1
(2A1 & 2B1)



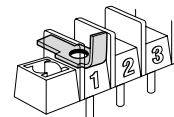
A4 & B4
(2A4 & 2B4)



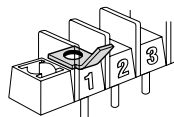
A7 & B7
(2A7 & 2B7)



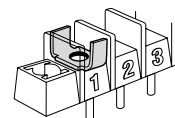
A2 & B2
(2A2 & 2B2)



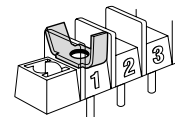
A5 & B5
(2A5 & 2B5)



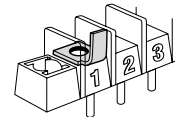
A8 & B8
(2A8 & 2B8)



A3 & B3
(2A3 & 2B3)

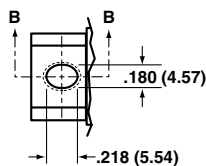


A6 & B6
(2A6 & 2B6)



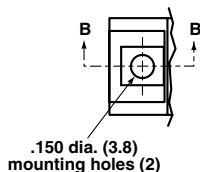
A9 & B9
(2A9 & 2B9)

Base/End Options



SECTION A-A

0, 6 & 9
Molded Mount End



SECTION B-B

1, 3 & 5
Mount End

Series A2000 & LP2000

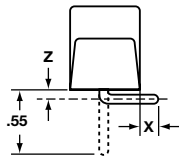
Single Row Terminal Blocks *Continued*

Mounting Options

Right Angle Bends (A2, LP2 only)

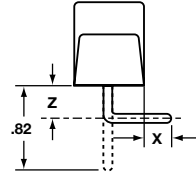
Right angle terminals are offered on the A2000 & LP2000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part no.

04 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	-.04	.28	No
R35	.01	.23	No
R36	.02	.22	No
R39	.05	.19	No
R42	.08	.16	No
R46	.12	.12	No
R48	.14	.10	No
R50	.16	.08	No

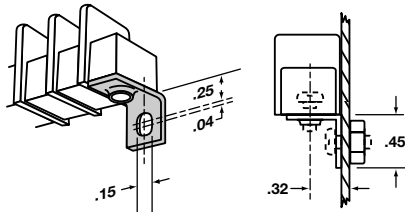
07 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	-.04	.55	Yes
R35	.01	.50	Yes
R36	.02	.49	Yes
R42	.08	.43	Yes
R46	.12	.39	Yes
R50	.16	.35	No
R53	.19	.32	No
R66	.32	.19	No
R69	.35	.16	No
R75	.41	.10	No
R77	.43	.08	No

Dimensions in inches. To convert to millimeters, multiply by 25.4.

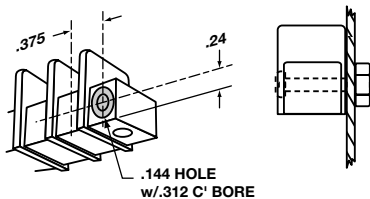
Angle Brackets (A2, LP2 only)



Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part no. **2AB**.

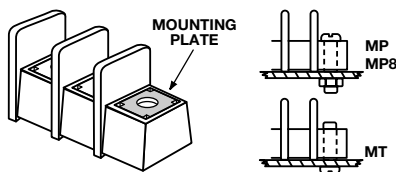
Drilled Right Angle (A2, LP2 only)



Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

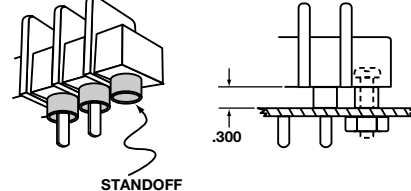
Mounting Plates



Options MP, MP8 & MT

MP Metal inserts with .150" dia. hole accept #6 screw. **MP8** Metal inserts with .187" dia. hole accept #8-32 screw. **MT** Metal inserts with tapped hole accept #6-32 screw.

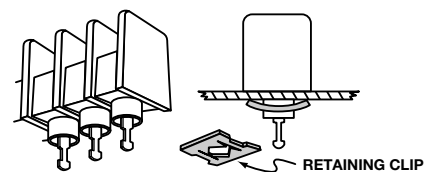
Standoffs



Option S0

Standoff mounts are tubes molded to the mounting positions. Available with insulator bases only.

Retaining Clip



Option RC

Use on standoff tubes. Fit panels up to .125" thick. Two clips for every five positions. Supplied unassembled. Bulk Part No. **H541**.

Series CB2000

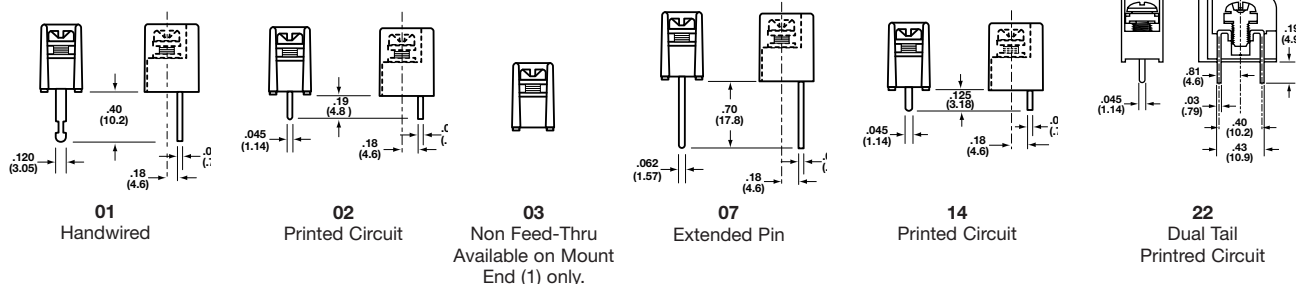
Single Row Terminal Blocks

Part Numbering System

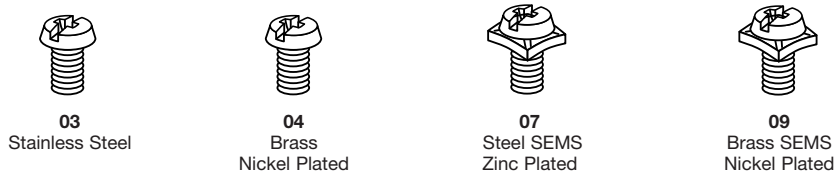
Series	Terminal Style	Base/End	Poles	Screws	Options
C B 2					
CB2 - closed back	01 - handwired 02 - printed circuit 03 - non feed-thru 07 - extended pin 14 - printed circuit 22 - dual tail printed circuit	1 - mount end 2 - barrier end	02 to 32 02 to 30 on mount end base	03 - stainless steel 04 - brass nickel plated 07 - steel SEMS standard 09 - brass SEMS nickel plated CA - captive screw 07CA - SEMS captive	AB - angle mounting brackets (pg 11) A7 to A9 - .250" QC B7 to B9 - .187" QC EB - exit back terminals EF - exit front terminals JA, JB & JC - barrier jumpers L1 to L6 marking options (pg 22) LT1 to LT6 marking options (pg 22) OJ2 & OJ4 - over barrier jumpers MP, MP8, MT & MT8 mtg. plates (pg 11) S1 - solder lug/flat Covers - (pg.23)

Terminal Styles

Inches (Millimeters)



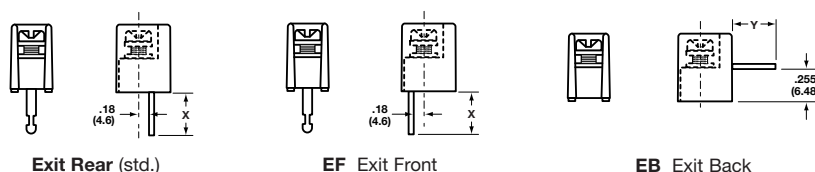
Screw Options



* NOTE: Wire ready screws standard on all terminal styles.

CB2 Terminal Exit Options

Inches (Millimeters)



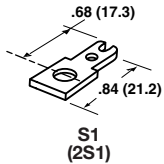
Series CB2000

Single Row Terminal Blocks

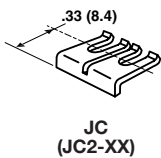
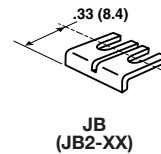
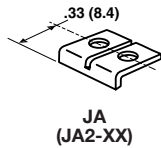
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

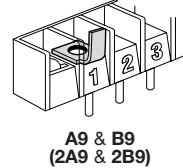
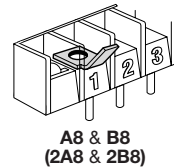
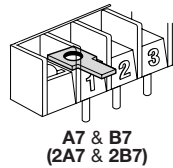


Jumpers



Quick Connects

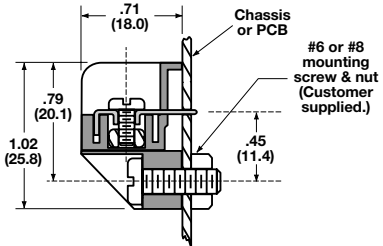
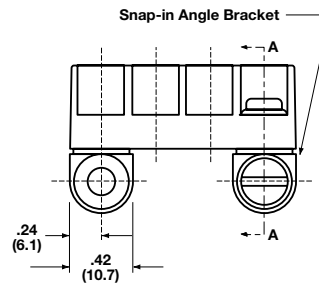
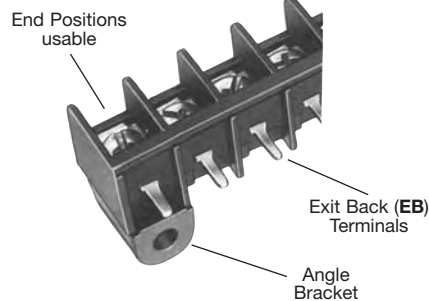
Blade Width A = .250". Blade Width B = .187".



Mounting Options

Inches (Millimeters)

Right Angle Mounting Bracket

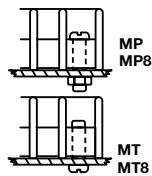
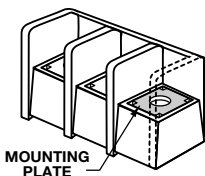


Mounts blocks on PC boards at a right angle.

- Protects solder joints.
- Recommended for all EB (Exit Back) PCB terminal blocks.
- Bracket snaps securely on block (no hardware required).
- Minimum strip length (end positions are usable).
- Mount with #6-32 or #8-32 screws (not supplied).

Option AB

Mounting Plates



Options MP, MP8, MT & MT8

MP Metal inserts with .150" dia. hole accept #6 screw.

MP8 Metal inserts with .187" dia. hole accept #8-32 screw.

MT Metal inserts with tapped hole accept #6-32 screw.

MT8 Metal inserts with tapped hole accept #8-32 screw.

Series A3000, LP3000 & CB3000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: A3: 30A, 600V* #12-22 AWG

LP3: 30A, 150V #12-22 AWG

CB3: 30A, 600V #12-22 AWG

Wire Range: #12-22 AWG CU

Center Spacing: .437" or 7/16" (11.10 mm)

Screw Size: #6-32 zinc plated phillips screws.

Torque Rating: 9 in-lb.

Base: Standoffs standard for easy flux washing.

Distance Between Barriers: .32" (8.1 mm)

Recommended PCB Hole Diameter: .076" (1.93 mm)

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 3500V (A3 & LP3); 8200V (CB3)

Agency Information: UL/CSA; IEC Compliance, CE Certified

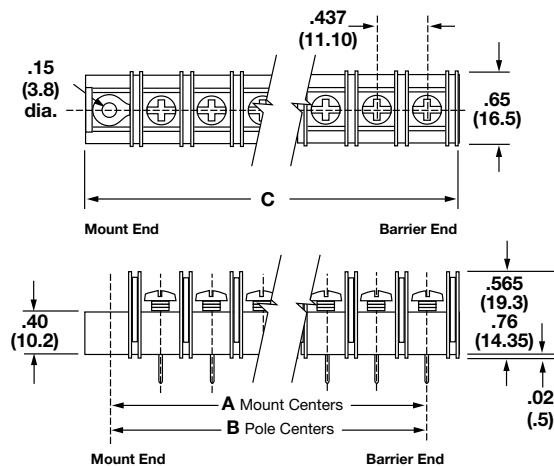
*30A Rating achieved with a #10 copper wire crimped to a ring terminal;
20 Rating without ring terminal.

A31940707WR

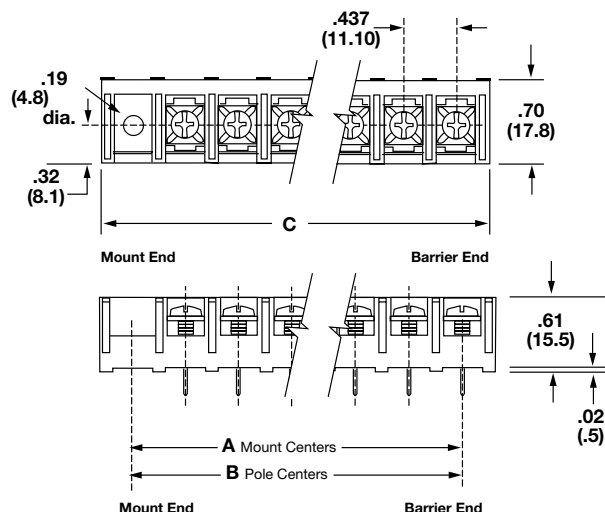
LP301105

CB31420807

A3000 & LP3000 Series



CB3000 Series



Dimensions in inches. To convert to millimeters, multiply by 25.4.

Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	1.31	1.73	.43	.98
03	1.75	2.17	.87	1.43
04	2.18	2.61	1.31	1.87
05	2.62	3.05	1.75	2.31
06	3.06	3.48	2.18	2.75
07	3.50	3.92	2.62	3.18
08	3.93	4.36	3.06	3.62
09	4.37	4.80	3.50	4.06
10	4.81	5.23	3.93	4.50
11	5.25	5.67	4.37	4.93
12	5.68	6.11	4.81	5.37
13	6.12	6.55	5.25	5.81
14	6.56	6.98	5.68	6.25
15	7.00	7.42	6.12	6.68
16	7.43	7.86	6.56	7.12
17	7.87	8.30	7.00	7.56
18	8.31	8.73	7.43	8.00
19	8.75	9.17	7.87	8.43
20	9.18	9.60	8.31	8.87
21	9.62	10.05	8.50	9.31
22	10.06	10.48	9.18	9.75
23	10.50	10.92	9.62	10.18
24	10.93	11.36	10.06	10.62
25	11.37	11.80	10.50	11.06
26	11.81	12.23	10.93	11.50
27			11.37	11.93
28			11.81	12.37

Series A3000 & LP3000

Single Row Terminal Blocks

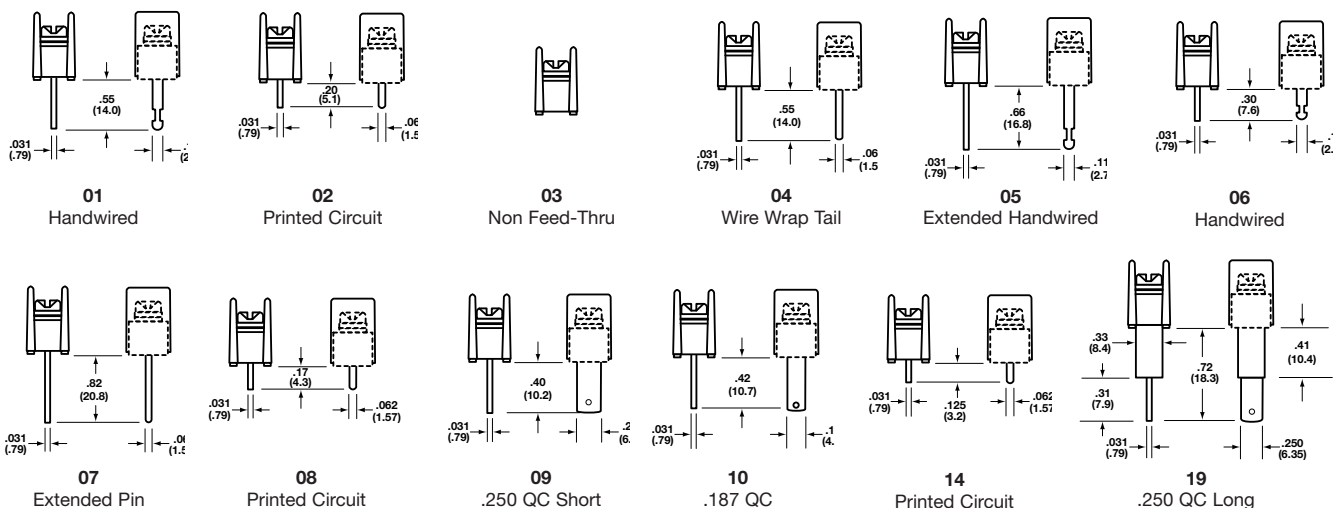
Part Numbering System

Series	Terminal Style	Base/End (Views pg. 15)	Poles	Screw Options	Options
A3					
LP3					
A3 - standard barrier LP3 - low profile barrier	01 - handwired 02 - printed circuit 03 - non feed-thru 04 - wire wrap tail 05 - extended handwired 06 - handwired 07 - extended pin 08 - printed circuit 09 - .250 QC short 10 - .187 QC 14 - printed circuit 19 - .250 QC long	1 - flat base/mnt. end 2 - flat base/barrier end 3 - insulator base/mnt. end 4 - insulator base/barrier end 5 - closed base/mount end	02 to 28 02 to 26 on mount end base	Blank - std. screw 00 - screws shipped bulk 03 - stainless steel 04 - brass nickel plated 07 - steel SEMS zinc plated (not available with hardware options) 09 - brass SEMS nickel plated (not available with hardware options) 03CA - stainless steel captive 04CA - brass captive 07CA - SEMS captive 09CA - brass SEMS captive 07WR - steel SEMS wire ready (A3 only)	AB - angle mnt. options (pg 15) A1 to A9 - .250" QC B1 to B9 - .187" QC DR - drilled right angle (pg 15) J201 - flat slip-on jumper L1 to L6 marking options (pg 22) MP, MP8 & MT mounting plates (pg 15) OJ3, OJ5 & OJ7 - over barrier jumpers RC - retaining clips (pg 15) R30 to R77 - right angle bends (pg 15) SO - stand off insulators (pg 15) S1 - solder lug/flat Covers - (pg 23)

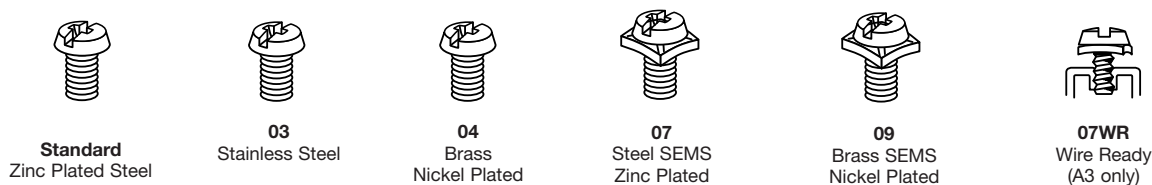
Base/End Note: 5 Style only available with 03 terminals.

Terminal Styles

Inches (Millimeters)



Screw Options



Series A3000 & LP3000

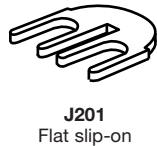
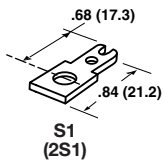
Single Row Terminal Blocks *Continued*

Hardware Options

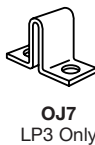
(Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

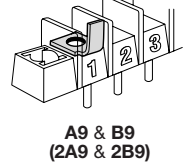
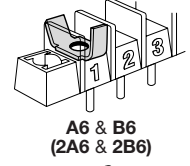
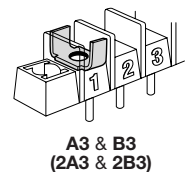
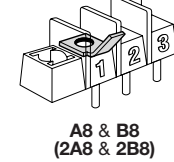
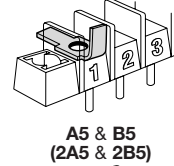
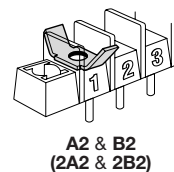
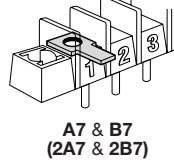
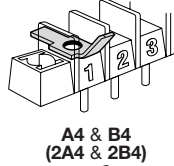
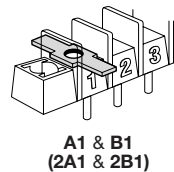


Jumpers

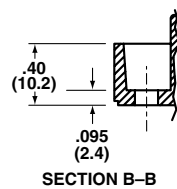
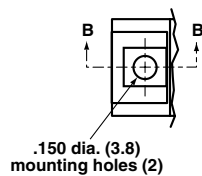


Quick Connects

Blade Width A = .250" Blade Width B = .187"



Base/End Options



1, 3 & 5 Mount End

Series A3000 & LP3000

Single Row Terminal Blocks *Continued*

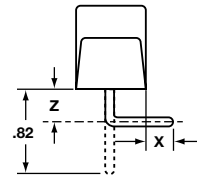
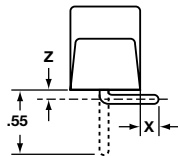
Mounting Options

Right Angle Bends (A3, LP3 only)

Right angle terminals are offered on the A3000 & LP3000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part no.

07 Terminal Bend Configurations

04 Terminal Bend Configurations

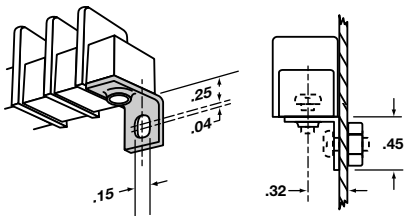


Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	-.04	.28	No
R35	.01	.23	No
R36	.02	.22	No
R39	.05	.19	No
R42	.08	.16	No
R46	.12	.12	No
R48	.14	.10	No
R50	.16	.08	No

Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	-.04	.55	Yes
R35	.01	.50	Yes
R36	.02	.49	Yes
R50	.16	.35	No
R53	.19	.32	No
R66	.32	.19	No
R69	.35	.16	No
R75	.41	.10	No
R77	.43	.08	No

Dimensions in inches. To convert to millimeters, multiply by 25.4.

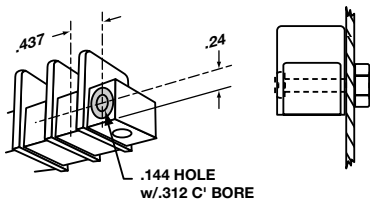
Angle Brackets (A3, LP3 only)



Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part no. **2AB**.

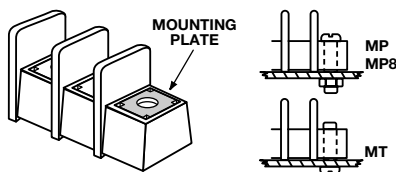
Drilled Right Angle (A3, LP3 only)



Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

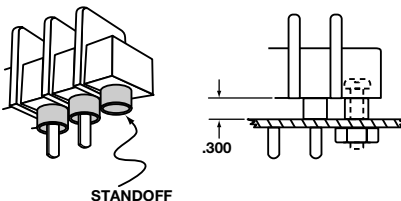
Mounting Plates



Options MP, MP8 & MT

MP Metal inserts with .150" dia. hole accept #6 screw. **MP8** Metal inserts with .187" dia. hole accept #8-32 screw. **MT** Metal inserts with tapped hole accept #6-32 screw.

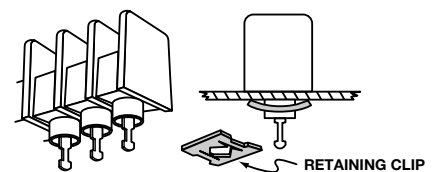
Standoffs



Option SO

Standoff mounts are tubes molded to the mounting positions. Available with insulator bases only.

Retaining Clip



Option RC

Use on standoff tubes. Fit panels up to .125" thick. Two clips for every five positions. Supplied unassembled. Bulk Part No. **H541**.

Series CB3000

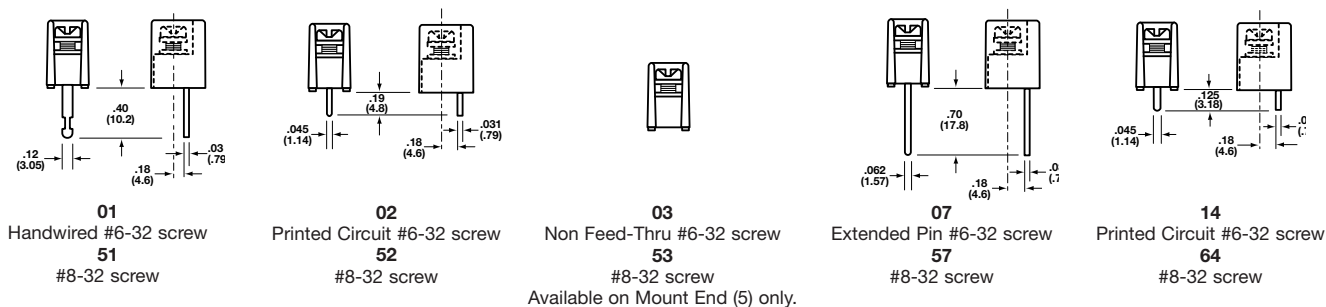
Single Row Terminal Blocks

Part Numbering System

Series	Terminal Style	Base/End	Poles	Screws	Options
C B 3					
CB3 - closed back	01 - handwired #6-32 screw 02 - printed circuit #6-32 screw 03 - non feed-thru #6-32 screw 07 - extended pin #6-32 screw 14 - printed circuit #6-32 screw 51 - handwired #8-32* 52 - printed circuit #8-32* 53 - non feed-thru #8-32* 57 - extended pin #8-32* 64 - printed circuit #8-32*	1 - mount end 2 - barrier end 5 - closed base/mount end	02 to 28 02 to 26 on mount end base	07 - steel SEMS 09 - brass SEMS nickel plated 07CA - SEMS captive	AB - angle mounting brackets (pg 17) A7 to A9 - .250" QC B7 to B9 - .187" QC EB - exit back terminals L1 to L6 marking options (pg 22) LT1 to LT6 marking options (pg 22) OJ3 & OJ7 - over barrier jumpers MP, MP8, MT & MT8 mtg. plates (pg 17) S1 - solder lug/flat Covers - (pg 23)
*Note: #8-32 screw is a special with #6-32 head.		Base/End Note: 5 Style only available with 03 terminals.			

Terminal Styles

Inches (Millimeters)



Screw Options



07
Steel SEMS
Zinc Plated

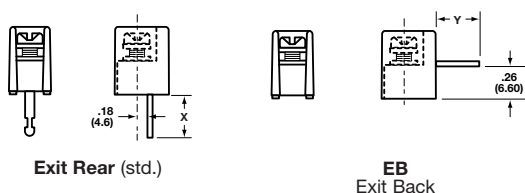


09
Brass SEMS
Nickel Plated

* NOTE: Wire ready screws standard on all terminal styles.

CB3 Terminal Exit Options

Inches (Millimeters)



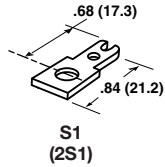
Series CB3000

Single Row Terminal Blocks

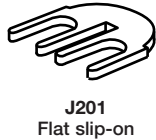
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

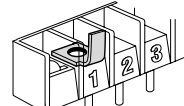
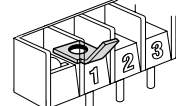
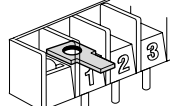


Jumpers



Quick Connects

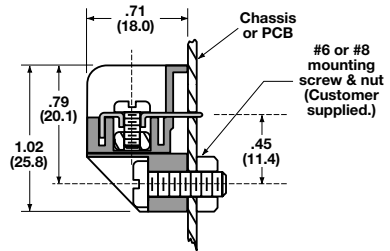
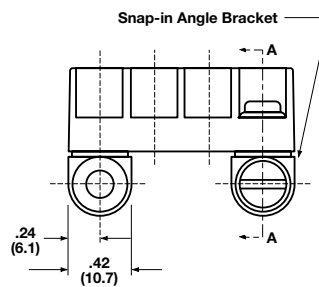
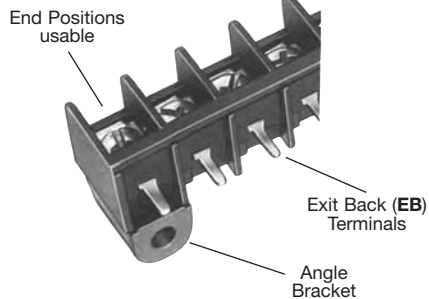
Blade Width A = .250". Blade Width B = .187".



Mounting Options

Inches (Millimeters)

Right Angle Mounting Bracket

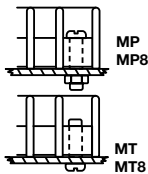
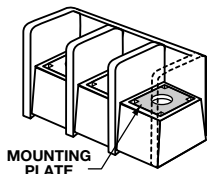


Option AB

Mounts blocks on PC boards at a right angle.

- Protects solder joints.
- Recommended for all EB (Exit Back) PCB terminal blocks.
- Bracket snaps securely on block (no hardware required).
- Minimum strip length (end positions are usable).
- Mount with #6-32 or #8-32 screws (not supplied).

Mounting Plates



Options MP, MP8, MT & MT8

MP Metal inserts with .150" dia. hole accept #6 screw.

MP8 Metal inserts with .187" dia. hole accept #8-32 screw.

MT Metal inserts with tapped hole accept #6-32 screw.

MT8 Metal inserts with tapped hole accept #8-32 screw.

Series A38 / B38

Single Row Terminal Blocks

SPECIFICATIONS

Rating: A38: 30A, 600V

B38: 50A, 300V

Center Spacing: .437" (11.10 mm)

Wire Range: A38: #10-22 AWG CU; B38: #8-16 AWG

Screw Size: #8-32 Zinc Plated Steel

Torque Rating: A38: 9 in-lb; B38: 15 in-lb for #8, 9 in-lb for #6

Base: A38 Only: Standoffs standard for easy flux washing

Distance Between Barriers: .378" (9.60mm)

Recommended PCB Hole Diameter (A38): .076" (1.93mm)

Operating Temperature: 221°F (105°C)

Molded Material: Black, UL Rated 94V0 Thermoplastic

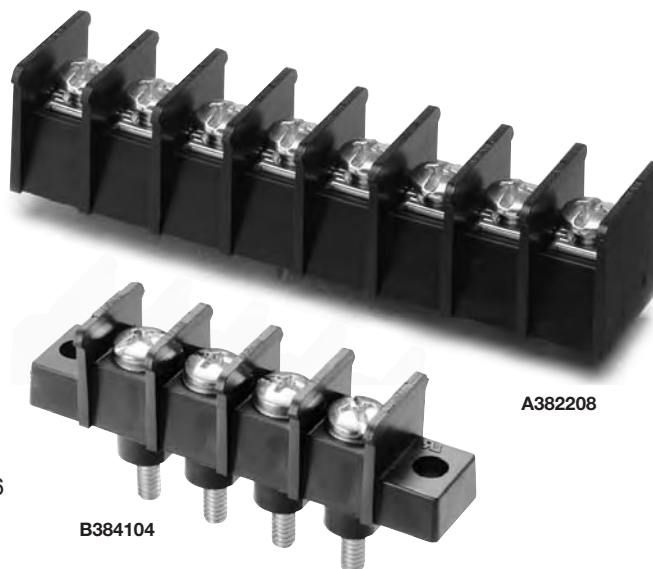
Breakdown Voltage: 5000V

Agency Information: UL/CSA; CE Certified

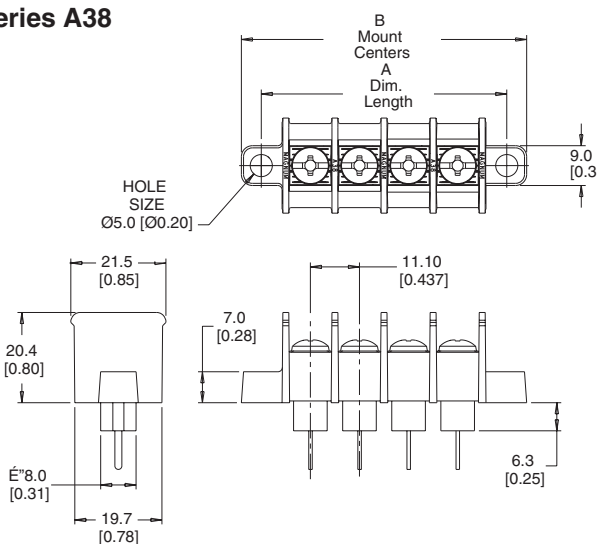
TABLE A

Poles	MOUNTING ENDS ONLY		BARRIER ENDS ONLY
	B Mount Ctrs.	"A" Dim. Length	"A" Dim. Length
02	1.31	1.67	0.93
03	1.75	2.10	1.37
04	2.19	2.54	1.81
05	2.62	2.98	2.25
06	3.06	3.41	2.68
07	3.50	3.85	3.12
08	3.93	4.29	3.56
09	4.37	4.72	3.99
10	4.81	5.16	4.43
11	5.24	5.60	4.87
12	5.68	6.04	5.30
13	6.12	6.47	5.74
14	6.56	6.91	6.18
15	6.99	7.35	6.61
16	7.43	7.78	7.05

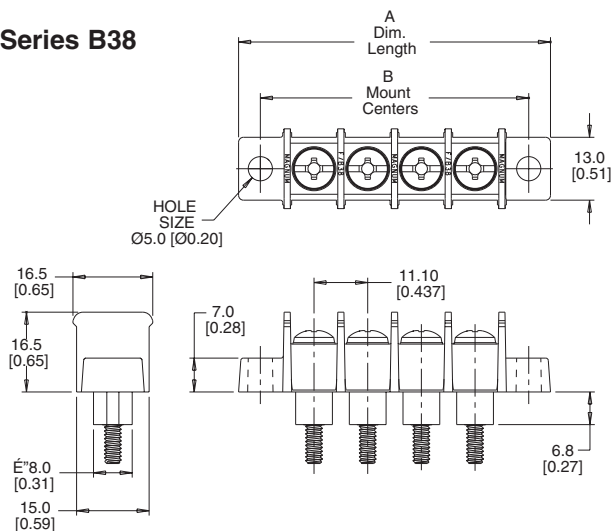
* Dimensions in inches. To convert to millimeters, multiply by 25.4.



Series A38



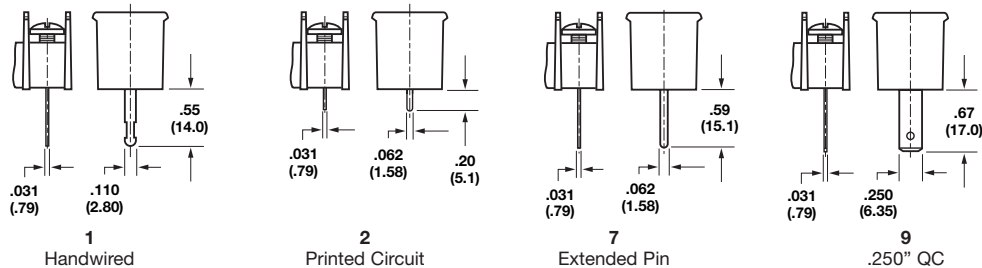
Series B38



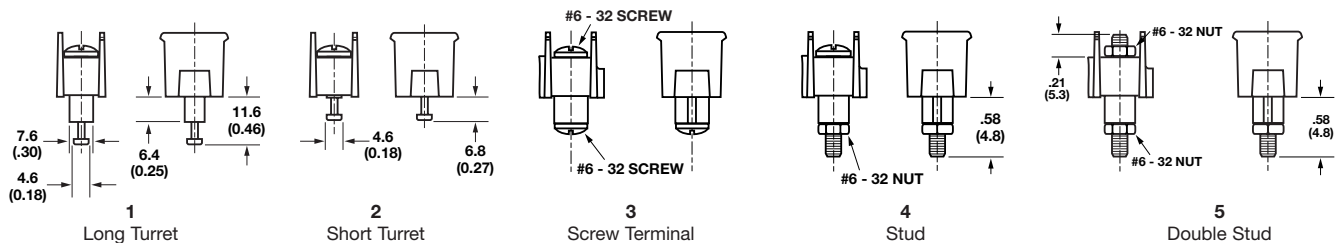
Part Numbering System

Series	Terminal Style	Base/End	# of Poles	Screw Options	Options
A 3 8					
	1 - hand wired 2 - printed circuit 7 - extended wire wrap 9 - .250" QC	1 - flat base, mount end 2 - flat base, barrier end 3 - insulator base* mount end 4 - insulator base* barrier end *N/A on 2 & 8 terminal styles.	02 to 16	Blank - standard screw (steel zinc plated, phislot BHMS) 04 - brass, nickel plated, phislot BHMS 07 - steel, SEMS zinc plated phislot screw 92 - steel, zinc plated slotted BHMS 94 - brass, nickel plated slotted BHMS	L1 to L6 marking options (pg 22) RC - retaining clips (pg 15) Covers - (pg 23) R XX consult factory for terminal bend
B 3 8					
	1 - long turret 2 - short turret 3 - screw terminal #6-32 screw top & bottom) 4 - stud (#8-32 screw top, #6-32 stud bottom) 5 - double stud (#6-32 stud top & bottom)	0 - flat base, mount ends 4 - insulator base, barrier ends 9 - insulator base mount ends	02 to 16	Blank - standard screw steel zinc plated phislot BHMS 04 - brass, nickel plated, phislot BHMS 32 - #6-32 zinc plated steel phislot BHMS* 34 - #6-32 nickel plated brass phislot BHMS* 92 - steel, zinc plated slotted BHMS 94 - brass, nickel plated slotted BHMS	L1 to L6 marking options (pg 23) RC - retaining clips (pg 16) Covers - (pg 23) *Note: 32 & 34 screws only available with 3 terminal style.

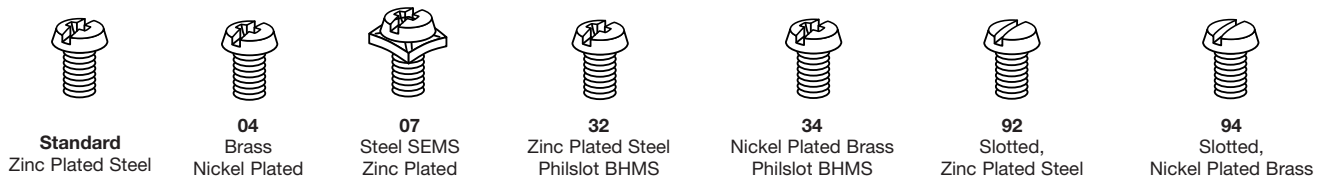
A38 Terminal Styles Wire ready screws standard



B38 Terminal Styles



Screw Options



Series A4000 & Series B4000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: See table.

Center Spacing: .562" or 9/16" (14.28 mm)

Wire Range: See rating table.

Screw Size: #8-32 or #10-32 zinc plated slotted screws

Torque Rating: #8 screw size 16 in.-lb.; #10 screw size 20 in.-lb.

Distance Between Barriers: .47" (11.9 mm)

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Hardware: Bottom studs supplied with nuts assembled. Cup washers are optional on bottom studs but are not recommended with ring terminals.

Extended Hex Nuts: Optional extended, slotted hex nuts enable easier installation and removal with hex wrench or screwdriver. Available in bulk for the #10-32 studs on Series A4953 blocks. Specify part no. F582 and quantity.

Breakdown Voltage: 6100V

Agency Information: UL/CSA; CE Certified

RATING TABLE

Part Number	Terminal Top	Terminal Bottom	Wire* Range CU	Rated*
A4003XX	# 8 Screw	#8 Stud	8-16 AWG	150V; 50 amps
A4011XX	# 8 Screw	Solder	10-16 AWG	600V; 35 amps
A4013XX	# 8 Screw	Solder	10-16 AWG	600V; 35 amps
A4021XX	# 8 Screw	.250 QC	10-16 AWG	600V; 35 amps
A4035XX	# 8 Screw	Closed	8-16 AWG	600V; 50 amps
A4041XX	#10 Screw	Solder	10-16 AWG	600V; 35 amps
A4043XX	#10 Screw	Solder	10-16 AWG	600V; 35 amps
A4051XX	#10 Screw	250 QC	10-16 AWG	600V; 35 amps
A4803XX	#10 Screw	#8 Stud	8-16 AWG	150V; 50 amps
A4813XX	#10 Screw	Solder Turret	10-16 AWG	600V; 35 amps
A4843XX	#10 Screw	#8 Screw	8-16 AWG	150V; 50 amps
A4953XX	#10 Stud	#10 Stud	8-16 AWG	150V; 50 amps
B4843XX	#10 Screw	#8 Screw	8-16 AWG	600V; 50 amps

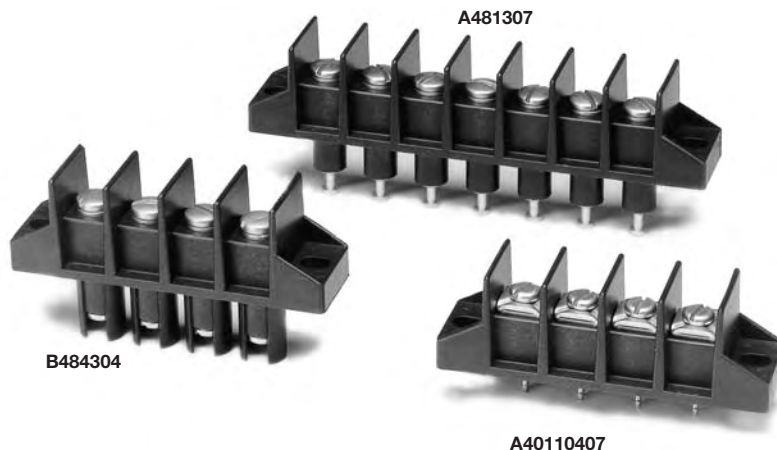
* All models 30A Max. with 10 AWG;

35-50A ratings with 8 AWG using ring or fork type terminals.

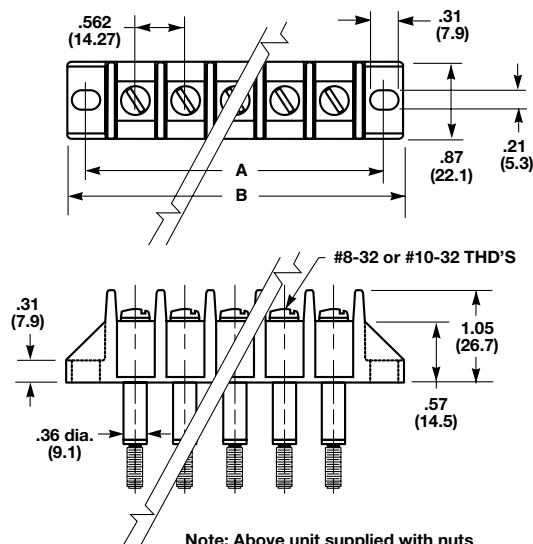
Note: 50A rating achieved with #8 copper wire crimped to ring terminal.

Poles	A (in.) Mount Centers	B (in.) Length
2	1.69	2.12
3	2.25	2.68
4	2.81	3.24
5	3.37	3.80
6	3.93	4.36
7	4.50	4.93
8	5.06	5.34
9	5.62	6.05
10	6.18	6.61
11	6.74	7.17
12	7.31	7.74
13	7.87	8.30
14	8.43	8.86
15	8.99	9.44
16	9.55	9.98
17	10.12	10.55
18	10.68	11.11

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

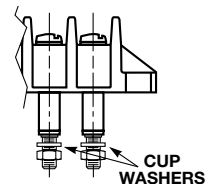


A4000 Series

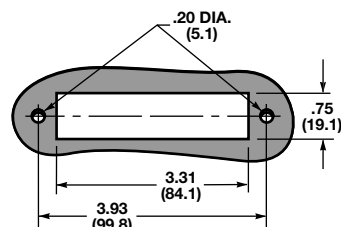


Optional Cup Washers Assembled

Available on A4003, A4803, A4843, A4953 & B4843.



Reference Panel Cutout for 6 Position Block



Part Numbering System

Series

A 4

B 4

A4 - standard
B4 - barrier

Terminal Style



00 - screw top; stud bottom
01 - screw top; solder bottom
02 - #8 screw top; .250 QC bottom
03 - screw top only
04 - #10 screw top; solder term. b.
05 - #10 screw top; .250 QC bottom
80 - screw top; stud bottom insulated base
81 - screw top; solder turret bottom
84 - screw top; screw bottom
95 - stud top; stud bottom

Base/End



1 - flat base/
mount end
3 - insulator base/
mount end
5 - closed base/
mount end

Poles



02 to 18

Screw Options



Blank - std. screw
00 - screws shipped bulk
04 - brass nickel plated
07 - steel SEMS zinc
plated (not available
with hardware options;
not available on A4003,
A4803, A4813, A4843,
B4843)

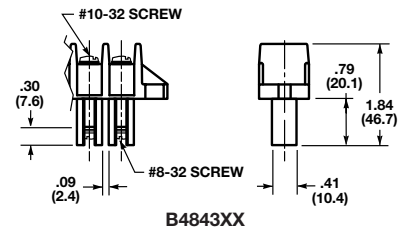
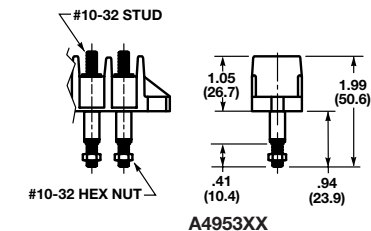
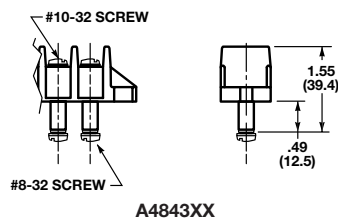
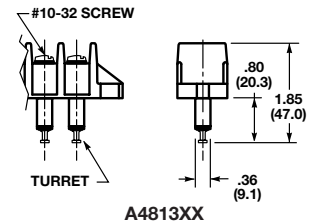
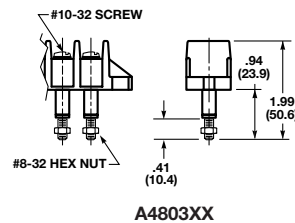
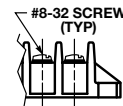
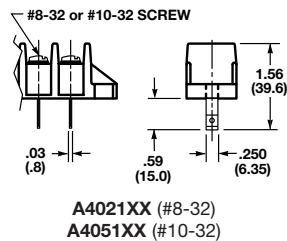
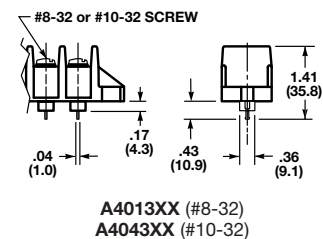
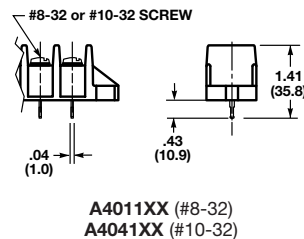
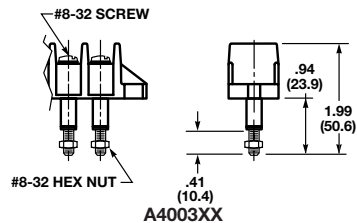
Options



A1 to A9 - .250" QC
CW - cup washer (pg 20)
J301 - flat slip-on jumper (2 position only)
L1 to L6 marking options (pg 22)
S1 & S2 - solder lugs/flat
Covers - (pg 23)

Terminal Styles

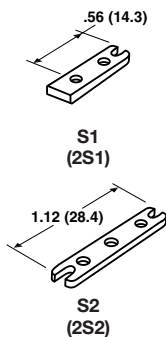
Inches (Millimeters)



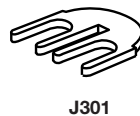
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

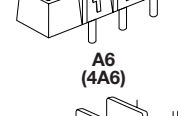
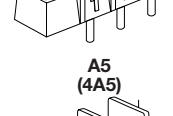
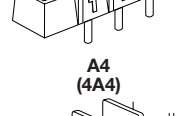
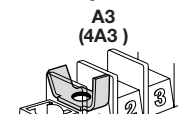
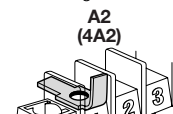
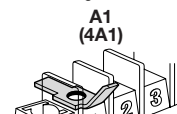
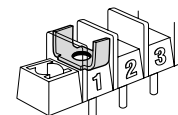
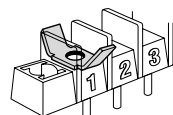
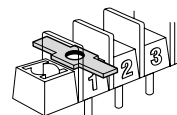
Solder Lugs



Jumpers



Quick Connects Blade Width A = .250". (For other orientations, contact factory.)



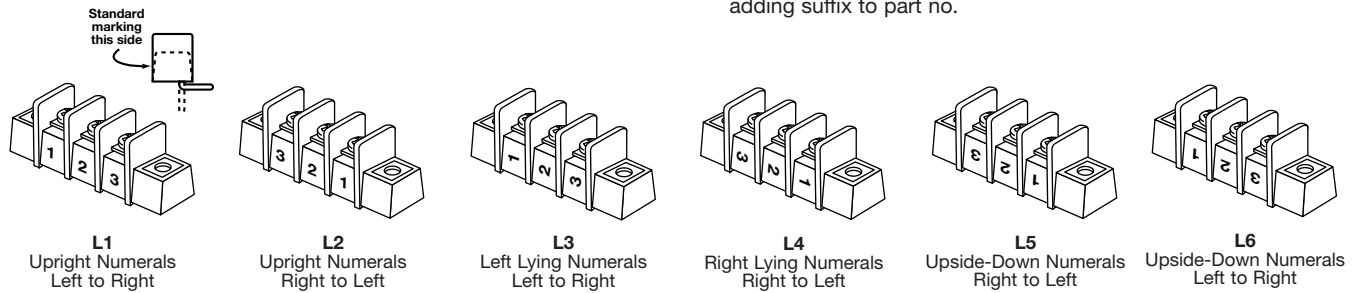
All Series Marking Options

Single Row Terminal Blocks

Marking Options & Accessories

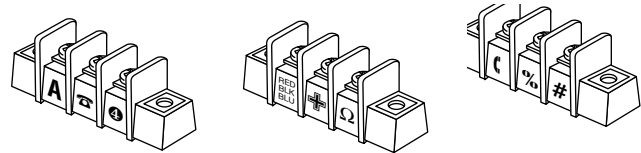
Standard Marking

Markings are applied directly to the sides of Series 1000, 2000, 3000, & 4000. Standard characters are white and 1/8" high. Factory may substitute 3/32" high characters.



Special Marking

Special markings are available for Series 1000, 2000, 3000, 4000 & 5000 at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking and the same quantity discounts apply. Consult factory for price and delivery.

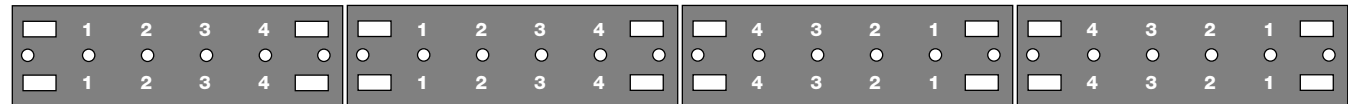
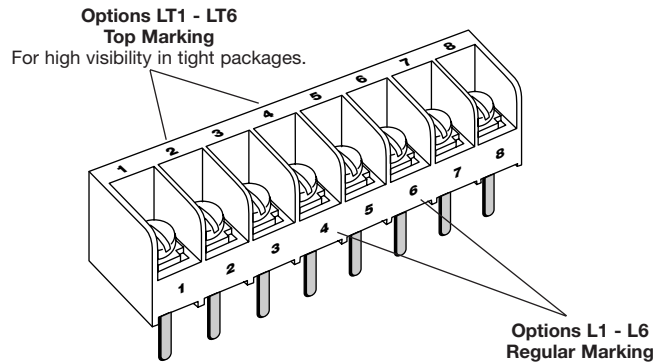


Closed Barrier Terminal Block Marking Options

L1 & LT1 = Upright numerals, numbered from left to right
 L2 & LT2 = Upright numerals, numbered from right to left
 L3 = Left lying numerals, numbered from left to right
 L4 = Right lying numerals, numbered from right to left
 L5 & LT5 = Upside down numerals, numbered from right to left
 L6 & LT6 = Upside down numerals, numbered from left to right

Marker Strips

Black marker strips with white numerals mount beneath the terminal blocks to clearly identify terminal and wire positions. Available with forward or reverse markings, top or bottom of strip. If special markings are required, submit a drawing.



Bottom Forward - BF

Top Forward - TF

Bottom Reverse - BR

Top Reverse - TR

Series



MS1 - 1000 Series
MS2 - 2000 Series
MS3 - 3000 Series

Base



1 - mount end, feed thru
2 - barrier end, feed thru
3 - mount end, insulator tubes
4 - barrier end, insulator tubes
5 - mount end, non feed-thru

Poles



02 to 36

Marking



BF - bottom forward
TF - top forward
BR - bottom reverse
TR - top reverse

All Series Accessories

Single Row Terminal Blocks *Continued*

Cover Options - Single Row

Terminal Block Covers

Available for Series A1000, A2000, A3000, A4000, CB2000, CB3000, LP2000, & LP3000.

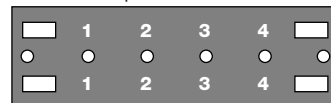
Three styles of UL 94V0 thermoplastic covers are offered in yellow or black. Covers are ordered separately and supplied with two clips each, unless ordered without clips. Optional markings may be specified (black on yellow; white on black).

Notes: Covers can not be used with mounting plate options MP & MT.
Covers can not be used with certain quick connect terminals.
Covers can not be used with 0, 6, & 9 base/end styles on A2 or A3

Bulk Cover Clips: Series 1000 = **CC1**; Series 2000 & 3000 = **CC2**; Series 4000 = **CC4**.

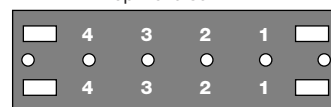
Standard Cover Markings

Top Forward - **TF**



Bottom Forward - **BF**
Skirted Access Side

Top Reverse - **TR**



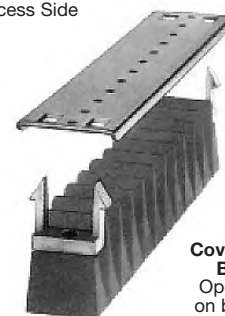
Bottom Reverse - **BR**
Skirted Access Side



**Cover Options
BB & CB**
Skirted access
on both sides.



**Cover Options
BO & CO**
Skirted access
on one side only.



**Cover Options
BC & TC**
Open access
on both sides.

Cover



BB - skirted access, both sides, black
CB - skirted access, both sides, yellow
BO - skirted access, one side, black
CO - skirted access, one side, yellow
BC - open access, both sides, black*
TC - open access, both sides, yellow*

* Not available in 4000 Series

Series



1 - 1000
2 - 2000
3 - 3000
4 - 4000

Poles



02 to 36

Markings



BF - bottom forward
TF - top forward
BR - bottom reverse
TR - top reverse

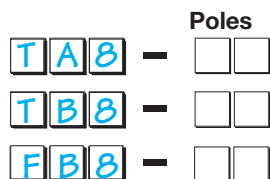
Options



00 - without clips

Snap-On Covers for A38/B38/F38 Series & CB2/CB3 Series

A38/B38 Series



A38 Series

B38 Series

F38 Series

CB2/CB3 Series



CB2 Series

CB3 Series

Filtered Terminal Blocks

Featuring Integrated Solid Pin Design

NEW...

Introducing the MAGNUM® standard F38 Series and custom filtered terminal blocks for use in telecommunication, industrial control, defense and medical industries.

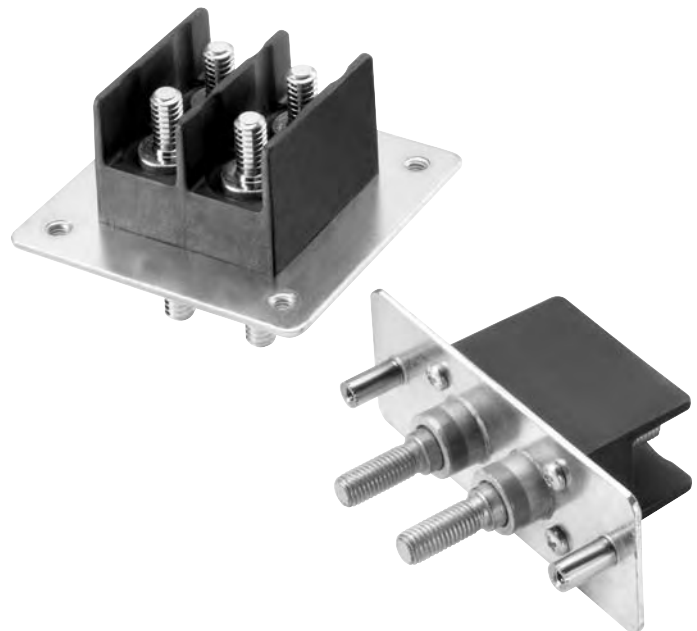
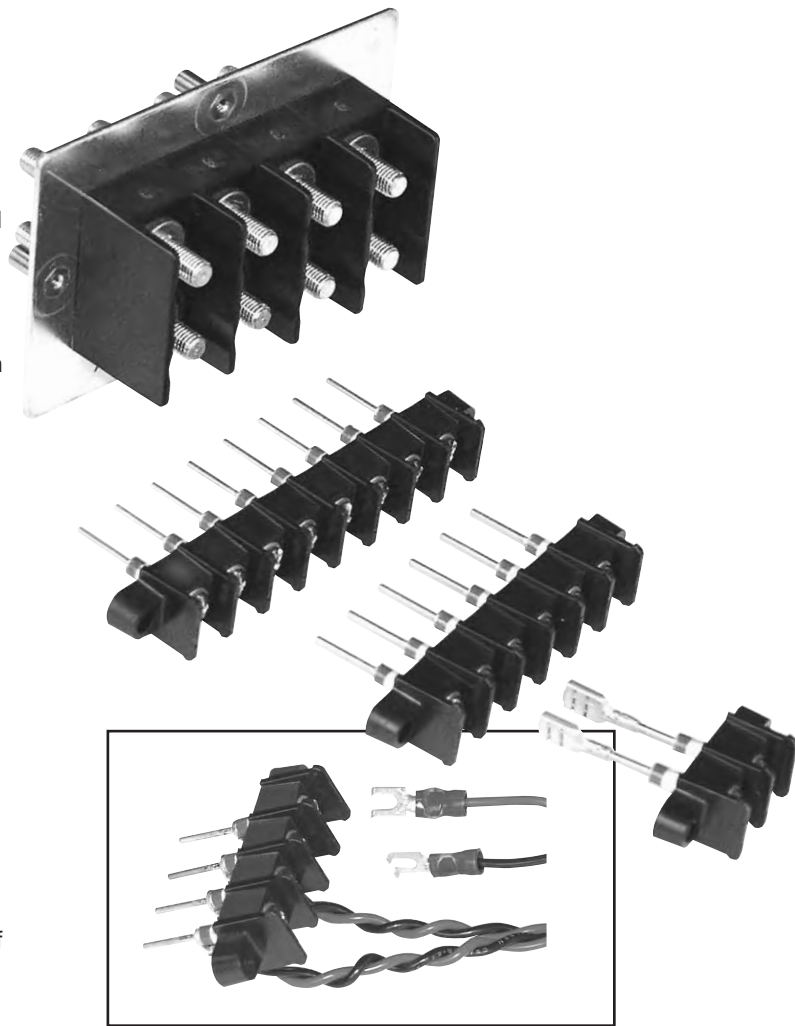
MAGNUM® has been manufacturing terminal blocks since 1970 for use in industrial, power supply, instrumentation and power distribution applications. Corry Micronics, Inc. has been producing feed thru capacitors and RFI (Radio Frequency Interference) filters since 1970 for defense, aerospace, wireless and CATV industries. In partnership with Corry Micronics, Inc., MAGNUM® now combines the value and experience of both companies to provide excellent technical resources and offer products that meet your EMI and RFI requirements.

APPLICATIONS

•Cellular base stations •Telecommunication switching networks •Hi-reliability radar & transmission systems •Industrial controls •Power supplies •UPS •Instrumentation •Medical equipment

AVAILABLE PRODUCTS

•European series blocks with ratings of 15A. •Single row barrier blocks with ratings of 30A and C and Pi filter options from 1,000 pF to 5,000 pF. •Dual row barrier blocks with ratings of up to 175A and various filtering options in 0.625" and 0.750" stud-to-stud spacing to accommodate industry standard two hole compression lugs. •Two tier barrier blocks with ratings of 200A and various filtering options. This design incorporates a removable filtered printed circuit board for field replacement with a solid bus bar and stainless steel studs for higher torque performance. •Many standard and custom options are available to meet your design requirements.



F38 Series Filtered Terminal Blocks

SPECIFICATIONS

Ratings: 30A, 240VAC, 300VDC.

Center Spacing: 0.437" or 7/16" (11.10mm)

Wire Size: # 10-22 AWG CU

Screw Size: # 8-32 (# 6-32 available, consult factory)

Torque Rating: 15 in-lb.

Operating Temperature: -55°C to +105°C.

Housing Material: 94VO Thermoplastic.

Molded Material: Black, UL rated 94VO thermoplastic.

Terminal Material: Brass, Tin-Plated

Capacitance: 1,000 pF to 5,000 pF in either C or Pi Schematic

Dielectric Withstanding Voltage: 1000 VAC; 1700VDC

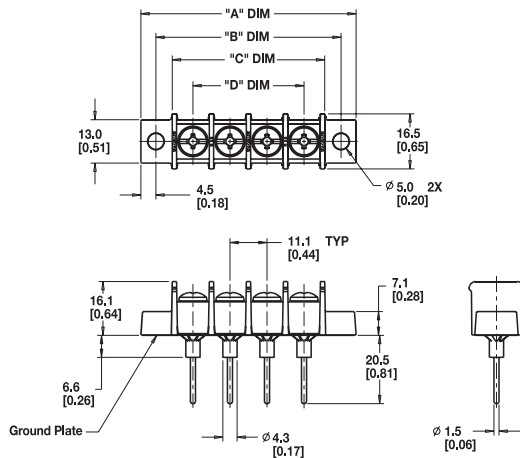
D.C. Resistance: 0.01 ohms max.

Agency Information: UL/CSA, CE Certified

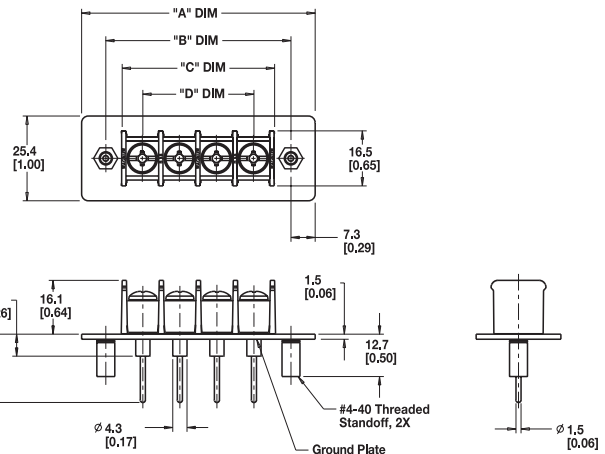
# of Poles	A Front Mount	A Rear Mount	B	C	D
2	1.67	1.88	1.31	0.93	0.44
3	2.10	2.32	1.75	1.37	0.88
4	2.54	2.76	2.19	1.81	1.31
5	2.98	3.19	2.63	2.25	1.75
6	3.41	3.63	3.06	2.68	2.19
7	3.85	4.07	3.50	3.12	2.62
8	4.29	4.51	3.94	3.56	3.06

* Note: In inches. Available up to 16 poles. Consult factory.

O - Front Panel Mount



I - Rear Panel Mount



FEATURES

- Rugged integrated construction of filtering elements around a solid brass pin provides excellent EMI/RFI filtering
- Filter element provides high insertion loss for EMI/RFI filtering of AC and DC power and control lines
- 2 to 8 terminals standard – up to 16 poles available
- Cost-effective EMI solution for industrial interconnection filtering
- Termination options are straight lead, male or female quick connect
- Custom and special options available including:
 - Different capacitance values on each position
 - Wire assemblies added to pins

Insertion Loss for 2,500 pF Pi Schematic Typical Insertion Loss (dB) in 50 Ohm Circuit

30MHz	.42 dB	300 MHz	.68 dB
50 MHz	.45 dB	1000 MHz	.70 dB
100 MHz	.50 dB		

* Note: For other capacitance insertion loss, consult factory.

Part Numbering System

Inches (Millimeters)

Series	Terminal Style	Mounting	# of Poles	Screw Options	Filter Options	Capacitance
F38						
	0 - straight lead	0 - front panel mount with mount ends	02 to 08*	Blank - #8-32, steel, zinc plated phislot BHMS (standard)	C - C Filter	1.0 - 1,000 pF + 100%-0%
	1 - 0.187" quick connect (male)	1 - rear panel mount with #4-40 threaded inserts		04 - #8-32, brass, nickel plated phislot BHMS	P - Pi Filter	2.5 - 2,500 pF + 100%-0%
	2 - 0.187" quick connect (male)			92 - #8-32, steel, zinc plated slotted BHMS		5.0 - 5,000 pF + 100%-0%
	3 - 0.250" quick connect (male)			94 - #8-32, brass, nickel plated slotted BHMS		
	4 - 0.250" quick connect (female)					

* Note: Standard is 02-08 poles. Available up to 16 poles. Consult factory for availability. Special electrical/mechanical configurations are available upon request from factory.

FE2475 Series Filtered Terminal Blocks

SPECIFICATIONS

Ratings: 12A, 125VAC, 200VDC.
Center Spacing: 0.197" (5.00mm)
Operating Temperature: -55°C to +105°C.
Housing Material: Green Polyamide Type 6/6, 94V0
Terminal Material: Brass, Tin-Plated
Capacitance: 1,000 pF to 5,000 pF in either C or Pi Schematic
Dielectric Withstanding Voltage: 1250 VAC; 1500VDC
D.C. Resistance: 0.01 ohms max.
Agency Information: UL & CSA Pending

# of Poles	A	B	C
02	1.003 (25.46)	0.803 (20.38)	0.457 (11.60)
03	1.200 (30.46)	1.000 (25.38)	0.654 (16.60)
04	1.396 (35.46)	1.196 (30.38)	0.850 (21.60)
05	1.593 (40.46)	1.393 (35.38)	1.047 (26.60)
06	1.790 (45.46)	1.590 (40.38)	1.244 (31.60)
07	1.987 (50.46)	1.787 (45.38)	1.441 (36.60)
08	2.184 (55.46)	1.984 (50.38)	1.638 (41.60)

* Note: In inches. Available up to 16 poles. Consult factory.

Mating Pluggable Blocks:
 EM2525, EM2485

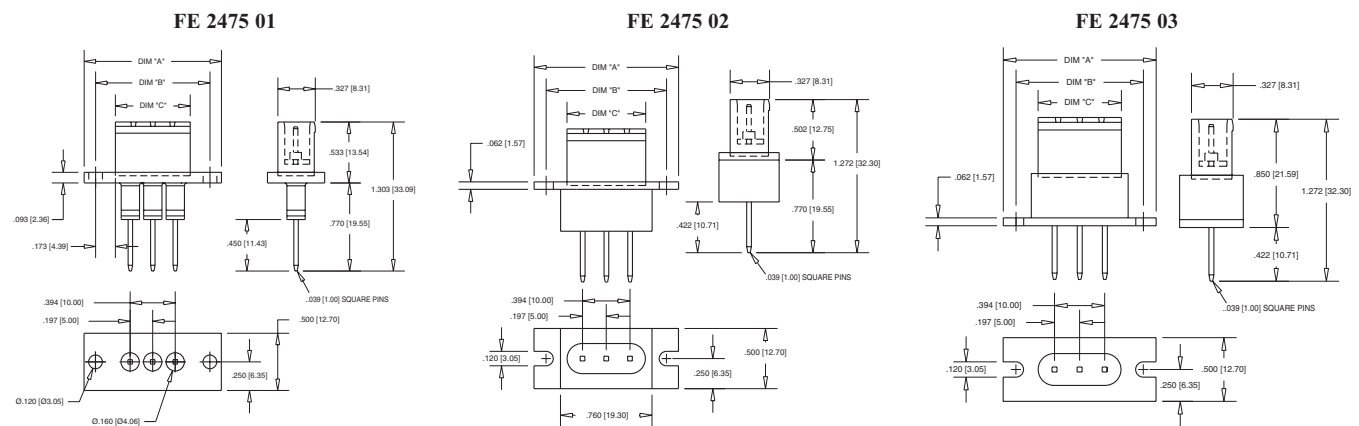
FEATURES

- Rugged integrated construction of filtering elements around a solid brass pin provides excellent EMI/RFI filtering
- Filter element provides high insertion loss for EMI/RFI filtering of AC and DC power and control lines
- 2 to 8 terminals standard
- Cost-effective EMI solution for industrial interconnection filtering
- Custom and special options available including:
 - Different capacitance values on each position
 - Wire assemblies added to pins

Insertion Loss for 2,500 pF Pi Schematic Typical Insertion Loss (dB) in 50 Ohm Circuit

30MHz	.42 dB	300 MHz	.68 dB
50 MHz	.45 dB	1000 MHz	.70 dB
100 MHz	.50 dB		

* Note: For other capacitance insertion loss, consult factory.



Part Numbering System

Inches (Millimeters)

Series	Mounting	# of Poles	Filter Options	Capacitance
F E 2 4 7 5	☐ ☐	☐ ☐	☐	☐ . ☐
	01 - panel mount** 02 - shrouded panel mount 03 - PCB mount	02 to 08*	C - C Filter P - Pi Filter	1.0 - 1,000 pF + 100%-0% 2.5 - 2,500 pF + 100%-0% 5.0 - 5,000 pF + 100%-0%

* Note: Standard is 02-08 poles. Available up to 16 poles. Consult factory for availability.

Special electrical/mechanical configurations are available upon request from factory.

** Note: 01-panel mount only available with C filter.

F7036 Series Filtered Terminal Blocks

SPECIFICATIONS

Ratings: 115A, 300VDC.

Center Spacing: 0.750" (19.05mm)

Wire Size: # 2-8 AWG CU

Thread Size: 1/4 - 28*

Torque Rating: 36 in-lb.

Operating Temperature: -55°C to +105°C.

Molded Material: Black, UL rated 94V0 thermoplastic

Terminal Material: Bronze Tin-Plate

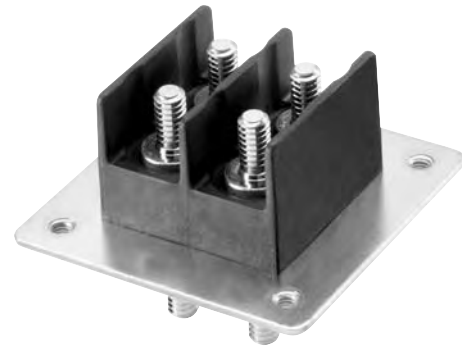
Capacitance: 1,000 pF to 5,000 pF in C

Dielectric Withstanding Voltage: 1500VDC

D.C. Resistance: 0.01 ohms

Agency Information: UL/CSA, CE Certified

* Consult factory for other options



FEATURES

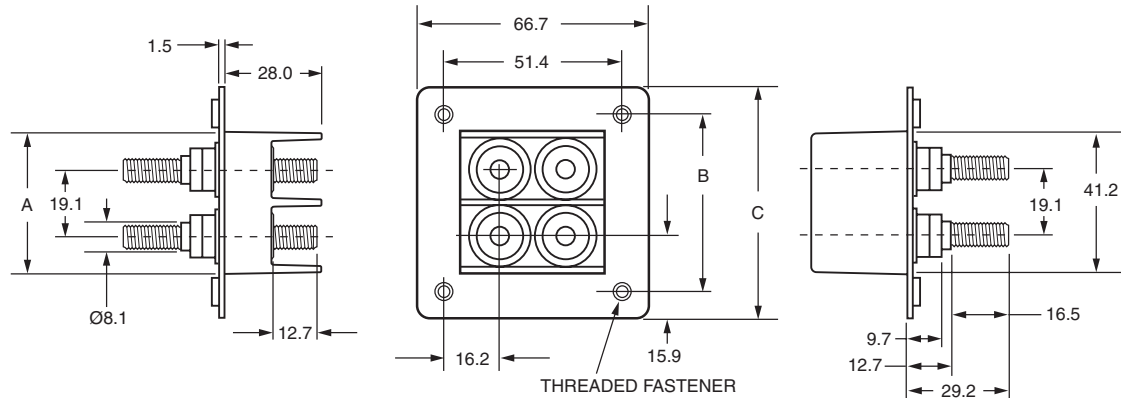
- Rugged integrated construction of filtering elements around a solid brass pin provides excellent EMI/RFI filtering
- Filter element provides high insertion loss for EMI/RFI filtering of AC and DC power and control lines
- Cost-effective EMI solution for telecommunications interconnection filtering
- Custom and special options available. Consult factory.

# of Poles	A	B	C
01	21.6 (0.85)	14.7 (.580)	47.0 (1.85)
02	40.6 (1.60)	50.8 (2.00)	66.0 (2.60)
03	59.7 (2.35)	69.9 (2.75)	85.1 (3.35)
04	78.7 (3.10)	88.9 (3.50)	104.1 (4.10)
05	97.8 (3.85)	108.0 (4.25)	123.2 (4.85)
06	116.8 (4.60)	127.0 (5.00)	142.2 (5.60)
07	135.9 (5.35)	146.1 (5.75)	161.3 (6.35)
08	154.9 (6.10)	165.1 (6.50)	180.3 (7.10)
09	174.0 (6.85)	184.2 (7.25)	199.4 (7.85)
10	193.0 (7.60)	203.2 (8.00)	218.4 (8.60)
11	212.1 (8.35)	222.3 (8.75)	237.5 (9.35)
12	231.1 (9.10)	241.3 (9.50)	256.5 (10.10)

Insertion Loss for 1,000 pF C Schematic Typical Insertion Loss (dB) in 50 Ohm Circuit

10MHz	 7 dB	100 MHz	27 dB
50 MHz	21 dB	100+ - 1 GHz	20 dB

* Note: For other capacitance insertion loss, consult factory.



Part Numbering System

Inches (Millimeters)

Series

F7036

of Poles

01 to 12 pos

Mounting

00 - standard

Filter Options

C - C Filter

Capacitance

1.0 - 1,000 pF + 100%-0%
2.5 - 2,500 pF + 100%-0%
5.0 - 5,000 pF + 100%-0%

Special electrical/mechanical configurations are available upon request from factory.

Series TB100

Double Row Terminal Blocks

SPECIFICATIONS

Rating: 30A, 300V*

Center Spacing: .375" or 3/8" (9.52 mm)

Wire Range: #14 - 22 AWG CU

Screw Size: #6-32 phillslot screws

Torque Rating: 9 in.-lb.

Distance Between Barriers: .30" (7.62 mm)

Mounting: #6 screws

Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.

Materials: Molded base: Black, UL rated 94V0 thermoplastic

Terminal plating: Tin over brass; Screws: Zinc plated steel

Breakdown Voltage: 3600V

Agency Information: UL/CSA; IEC Compliance;
CE Certified

* Max. rating shown; some options may be rated lower - consult factory.



TB100-08

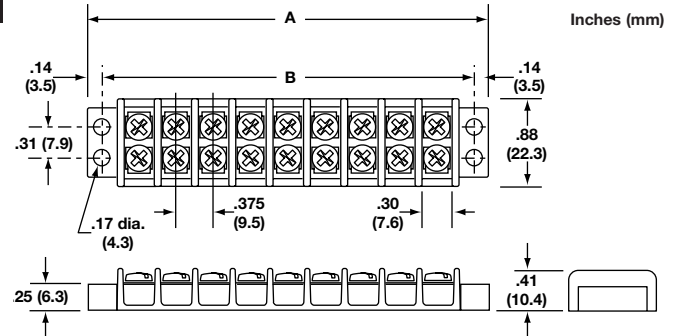


TB100-04SP

Poles	A	B	Poles	A	B	Poles	A	B
02	1.40	1.12	14	5.90	5.62	26	10.40	10.12
03	1.78	1.50	15	6.28	6.00	27	10.78	10.50
04	2.16	1.88	16	6.66	6.38	28	11.16	10.88
05	2.53	2.25	17	7.03	6.75	29	11.53	11.25
06	2.90	2.62	18	7.40	7.12	30	11.90	11.62
07	3.28	3.00	19	7.78	7.50	31	12.28	12.00
08	3.66	3.38	20	8.16	7.88	32	12.66	12.38
09	4.03	3.75	21	8.53	8.25	33	13.03	12.75
10	4.40	4.12	22	8.90	8.62	34	13.40	13.12
11	4.78	4.50	23	9.28	9.00	35	13.78	13.50
12	5.16	4.88	24	9.66	9.38	36	14.16	13.88
13	5.53	5.25	25	10.03	9.75			

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

TB100



Part Numbering System

Series

T B 1 0 0

Poles

02 to 36

Screw Options

Blank - steel phillslot, zinc plated
00 - screws shipped bulk
B - brass phillslot, nickel plated
BS - brass Sems phillslot, nickel plated
SP - steel Sems phillslot, zinc plated
P - steel Sems (P-style)
ST - stainless steel, phillslot
STR - stainless steel, phillips (recess)

Marking

L1 to L6 - (pg 35)
Marker strips (pg 36)
Covers (pg 35)

Hardware Options

QC1 to QC20 - quick connects
J101 - flat slip-on jumper
(2 position only)
0J2 - over barrier jumpers
0J4 - over barrier jumpers

Screw Options



B
Brass Philslot
Nickel Plated



BS
Brass SEMS
Philslot Nickel Plated



SP
Steel SEMS
Philslot Zinc Plated



P
Steel SEMS
(P-Style)



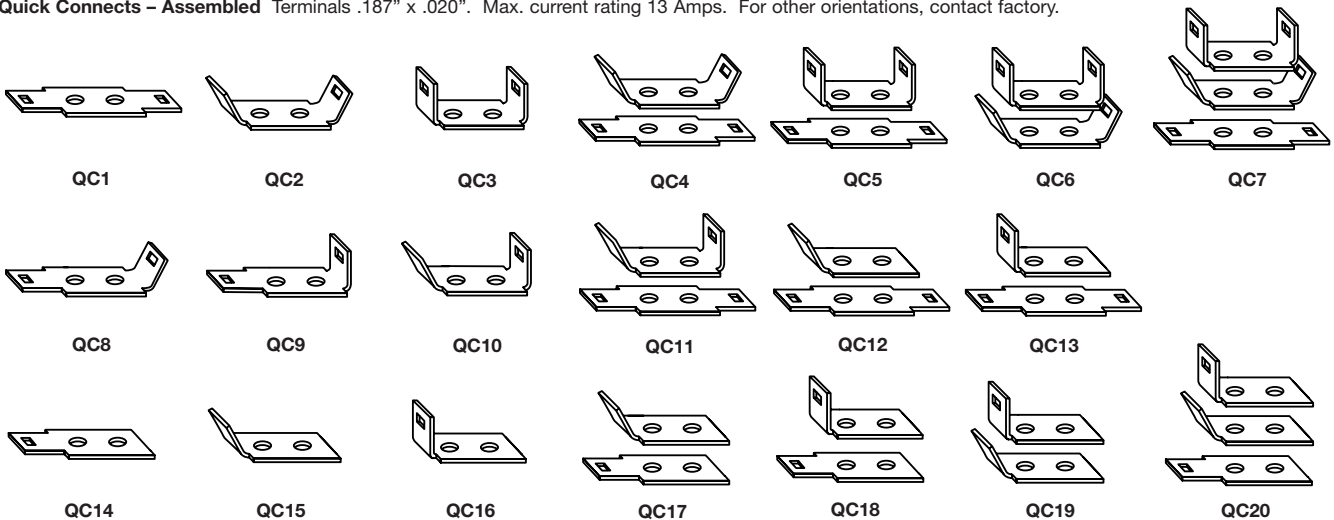
ST
Stainless Steel
Philslot



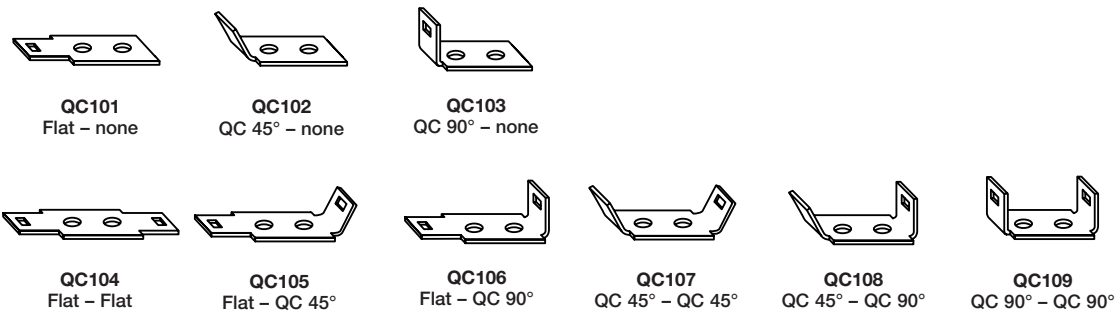
STR
Stainless Steel
Phillips (recess)

Hardware Options

Quick Connects – Assembled Terminals .187" x .020". Max. current rating 13 Amps. For other orientations, contact factory.



Quick Connects – Bulk Min. order per part no. – 100 pieces.



Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



Series TB200 & TB200HB Double Row Terminal Blocks

SPECIFICATIONS

Rating: TB200 - 30A, 300V*

TB200HB - 30A, 600V*

Center Spacing: .437" or 7/16" (11.10 mm)

Wire Range: #12 - 22 AWG CU

Screw Size: #6-32 phillslot screws

Torque Rating: 9 in-lb.

Distance Between Barriers: .353" (8.97 mm)

Mounting: #6 screws

Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.

Materials: Molded base: Black, UL rated 94V0 thermoplastic

Terminal plating: Tin over brass; Screws: Zinc plated steel

Breakdown Voltage: 4800V

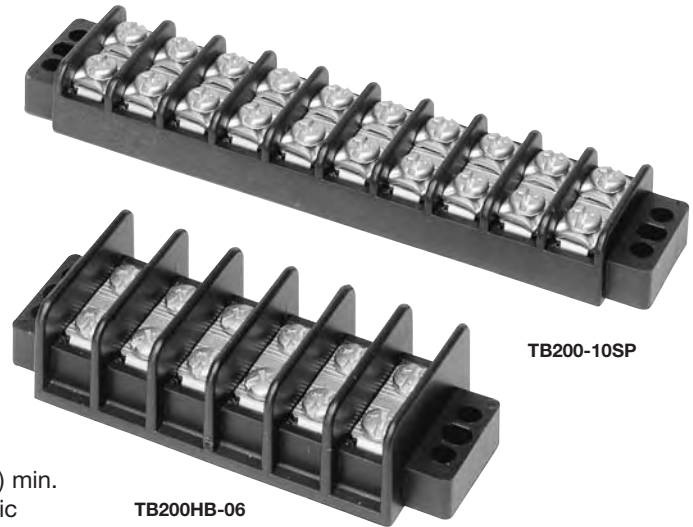
Agency Information: UL/CSA; IEC Compliance;

CE Certified

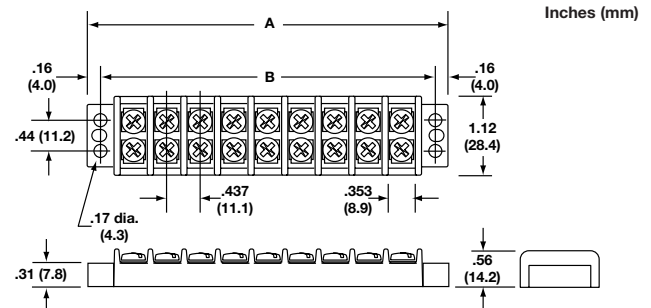
* Max. rating shown; some options may be rated lower - consult factory.

Poles	A	B	Poles	A	B	Poles	A	B
02	1.63	1.31	12	6.00	5.68	22	10.37	10.06
03	2.07	1.75	13	6.44	6.12	23	10.81	10.50
04	2.51	2.18	14	6.87	6.56	24	11.25	10.93
05	2.94	2.62	15	7.31	7.00	25	11.68	11.37
06	3.38	3.06	16	7.75	7.43	26	12.12	11.81
07	3.82	3.50	17	8.19	7.87	27	12.56	12.25
08	4.25	3.93	18	8.62	8.31	28	13.00	12.68
09	4.69	4.37	19	9.06	8.75	29	13.44	13.12
10	5.13	4.81	20	9.50	9.18	30	13.87	13.56
11	5.57	5.25	21	9.94	9.62			

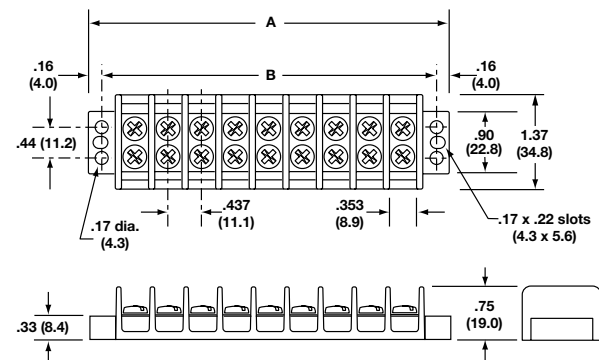
* Dimensions in inches. To convert to millimeters, multiply by 25.4.



TB200



TB200HB



Part Numbering System

Series



200 - Standard

200HB - High barrier

Poles

02 to 30

Screw Options



Blank - steel phillslot, zinc plated

00 - screws shipped bulk

B - brass phillslot, nickel plated

BS - brass Sems phillslot, nickel plated

SP - steel Sems phillslot, zinc plated

P - steel Sems (P-style)

ST - stainless steel, phillslot

SS - stainless steel Sems, phillslot

STR - stainless steel, phillslot (recess)

Marking



L1 to L6 - (pg 35)

Marker strips (pg 33)

Covers (pg 32)

Hardware Options



QC1 to QC20 - quick connects

J201 - flat slip-on jumper

(2 position only)

OJ3 - over barrier jumpers

OJ5 - over barrier jumpers

OJ7 - over barrier jumpers

Screw Options



B
Brass Philslot
Nickel Plated



BS
Brass SEMS
Philslot Nickel Plated



SP
Steel SEMS
Philslot Zinc Plated



P
Steel SEMS
(P-Style)



ST
Stainless Steel
Philslot



SS
Stainless Steel
SEMS Philslot



STR
Stainless Steel
Phillips (recess)

Hardware Options

Quick Connects – Assembled Terminals .250" x .031". Max. current rating 20 Amps. For other orientations, contact factory.



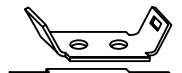
QC1



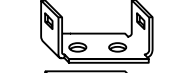
QC2



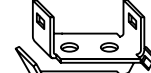
QC3



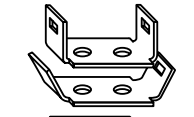
QC4



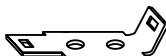
QC5



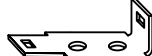
QC6



QC7



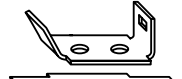
QC8



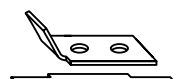
QC9



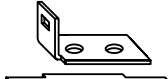
QC10



QC11



QC12



QC13



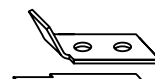
QC14



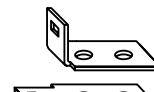
QC15



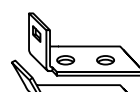
QC16



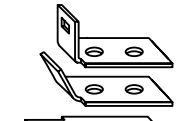
QC17



QC18



QC19



QC20

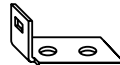
Quick Connects – Bulk Min. order per part no. – 100 pieces.



QC201
Flat – none



QC202
QC 45° – none



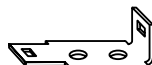
QC203
QC 90° – none



QC204
Flat – Flat



QC205
Flat – QC 45°



QC206
Flat – QC 90°



QC207
QC 45° – QC 45°



QC208
QC 45° – QC 90°

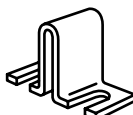


QC209
QC 90° – QC 90°

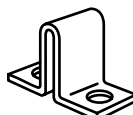
Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



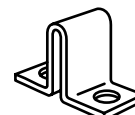
J201
Flat slip-on
(not available on
TB200HB)



OJ3
Slip-on over barrier
for TB200HB



OJ5
Closed over barrier
for TB200HB



OJ7
Closed over barrier
for TB200

Series TB300 & TB345

Double Row Terminal Blocks

SPECIFICATIONS

Rating: TB300 – 30A, 600V*

TB345 – 45A, 600V*

Center Spacing: .562" or 9/16" (14.28 mm)

Wire Range: #8 - 22 AWG CU

Screw Size: TB300 – #8-32 phillslot screws
TB345 – #10-32 phillslot screws

Torque Rating: #8 screws - 16 in.-lb.;

#10 screws - 20 in.-lb.

Distance Between Barriers: .41" (10.5 mm)

Mounting: TB300 – #8 screws; TB345 – #10 screws

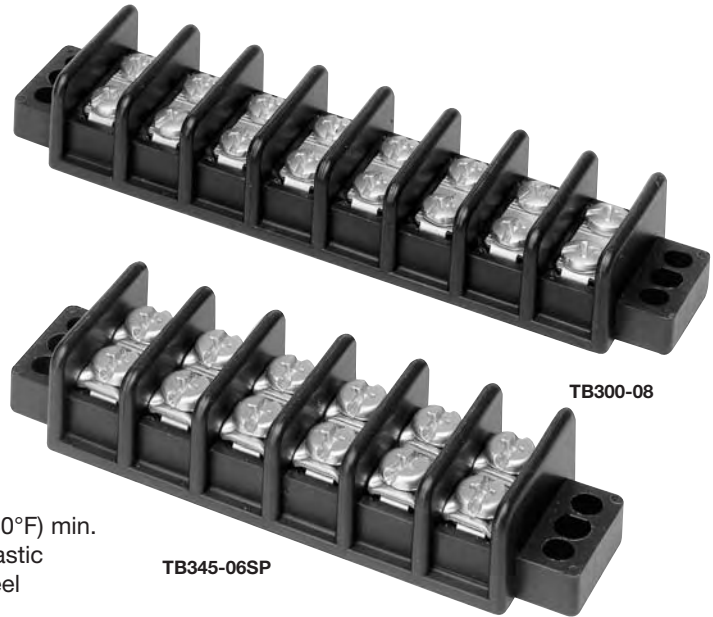
Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.

Material: Molded base: Black, UL rated 94V0 thermoplastic
Terminal plating: Tin over brass; Screws: Zinc plated steel

Breakdown Voltage: 7500V

Agency Information: UL/CSA; IEC Compliance;
CE Certified

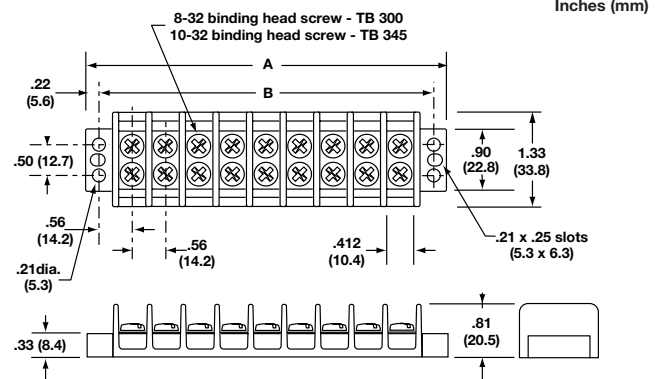
* Max. rating shown; some options may be rated lower - consult factory.



Poles	A	B	Poles	A	B	Poles	A	B
02	2.13	1.69	10	6.62	6.19	18	11.12	10.68
03	2.69	2.25	11	7.18	6.75	19	11.68	11.25
04	3.25	2.81	12	7.75	7.31	20	12.24	11.81
05	3.81	3.37	13	8.31	7.87	21	12.80	12.37
06	4.37	3.94	14	8.87	8.44	22	13.37	12.93
07	4.94	4.50	15	9.43	9.00	23	13.93	13.50
08	5.50	5.06	16	9.99	9.56	24	14.49	14.06
09	6.06	5.62	17	10.56	10.12			

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

TB300 & TB345



Part Numbering System

Series



300 - 8-32 screw
345 - 10-32 screw

Poles



02 to 24

Screw Options



Blank - steel phillslot, zinc plated
00 - screws shipped bulk
B - brass phillslot, nickel plated
BS - brass Sems phillslot, nickel plated (TB300 only)
SP - steel Sems phillslot, zinc plated
P - steel Sems (P-style)
ST - stainless steel, phillslot
STR - stainless steel, phillips (recess)

Marking



L1 to L6 - (pg 35)
Marker strips (pg 36)
Covers (pg 35)

Hardware Options



QC1 to QC20 - quick connects (TB300 only)
J301 - flat slip-on jumper
OJ6 - over barrier jumper
OJ11 - over barrier jumper

Screw Options



B
Brass Philslot
Nickel Plated



BS
Brass SEMS
Philslot Nickel Plated



SP
Steel SEMS
Philslot Zinc Plated



P
Steel SEMS
(P-Style)



ST
Stainless Steel
Philslot



STR
Stainless Steel
Phillips (recess)

Hardware Options

Quick Connects – Assembled TB300 only. Terminals .250" x .031". Max. current rating 20 Amps. For other orientations, contact factory.



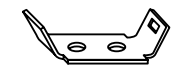
QC1



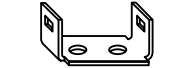
QC2



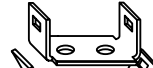
QC3



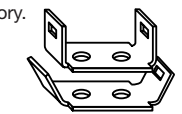
QC4



QC5



QC6



QC7



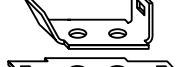
QC8



QC9



QC10



QC11



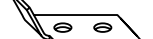
QC12



QC13



QC14



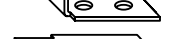
QC15



QC16



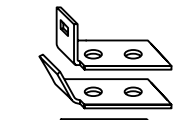
QC17



QC18

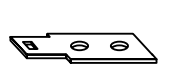


QC19



QC20

Quick Connects – Bulk *TB300 only. Min. order per part no. – 100 pieces.



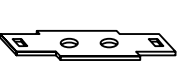
QC201
Flat – none



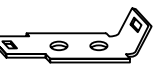
QC202
QC 45° – none



QC203
QC 90° – none



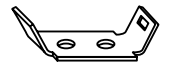
QC204
Flat – Flat



QC205
Flat – QC 45°



QC206
Flat – QC 90°



QC207
QC 45° – QC 45°



QC208
QC 45° – QC 90°



QC209
QC 90° – QC 90°

Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



J301
Flat slip-on
(TB300 only)



OJ6
Closed over barrier



OJ11
Slip-on over barrier

Series TB400

Double Row Terminal Blocks

SPECIFICATIONS

Rating: 75A, 600V

Center Spacing: .687" or 11/16" (17.45 mm)

Wire Range: #6-14 AWG CU

Screw Size: #10-32 phillslot screws

Torque Rating: 20 in.-lb.

Distance Between Barriers: .56" (14.3 mm)

Mounting: #10 screws

Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.

Material: Molded base: Black, UL rated 94V0 thermoplastic

Terminal plating: Tin over brass; Screws: Zinc plated steel

Breakdown Voltage: 7500V

Agency Information: UL/CSA; IEC Compliance;
CE Certified



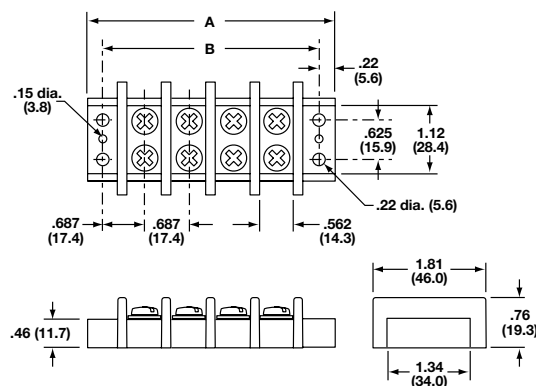
TB400-05

Poles	A	B	Poles	A	B	Poles	A	B
02	2.51	2.06	06	5.26	4.81	10	8.01	7.56
03	3.20	2.75	07	5.95	5.50	11	8.70	8.25
04	3.89	3.44	08	6.64	6.19	12	9.39	8.94
05	4.58	4.13	09	7.33	6.88			

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

TB400

Inches (mm)



Screw Options



B
Brass Philslot
Nickel Plated

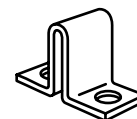


ST
Stainless Steel
Philslot



STR
Stainless Steel
Phillips (recess)

Hardware Options



OJ14
Closed over barrier

Part Numbering System

Series

T B 4 0 0

Poles

02 to 12

Screw Options

Blank - steel philslot, zinc plated
00 - screws shipped bulk
B - brass philslot, nickel plated
ST - stainless steel, philslot
STR - stainless steel, phillips (recess)

Marking

Not available

Marking Options & Accessories

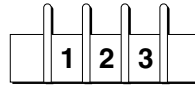
Double Row Terminal Blocks (TB100, TB200, TB300, TB345 SERIES)

Marking Options

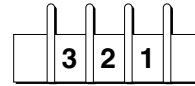
Standard Marking

Standard markings are applied directly to the side(s) of a block. Standard color is white. Standard height is .125".

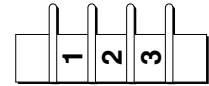
Note: Blocks marked on both sides require a different code for each side. Example Style L1 on one side of the block requires Style L2 on the other side to ensure common terminal marking. To order, add appropriate suffix (L1, L2, L3, L4, L5 and/or L6) to block part number in the proper sequence.



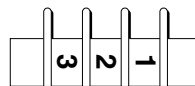
L1



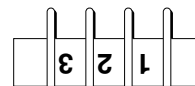
L2



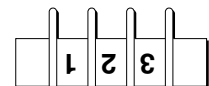
L3



L4



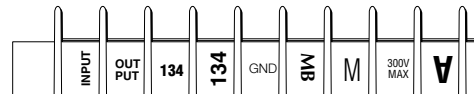
L5



L6

Special Marking

Special markings are available at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking. Drawing(s) must be submitted to ensure accuracy of part required. Consult factory for price and delivery.



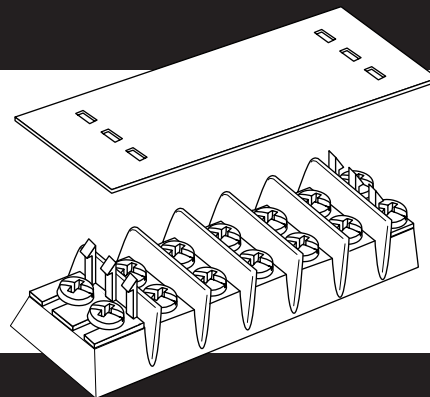
Note: Marking is not available on TB400 Series

Covers

Covers prevent personnel, screws and foreign items from contacting live terminals. Available in white or clear plastic. Two cover clips supplied with each cover. Cover width is 1.31 inches.

All covers must be ordered separately. Consult factory for special legends.

Example: 10 position cover, white, TB100 Series, no legends . . . Part No. is X12010.



Part Numbering System

Series



Cover Strip



120 - TB100/white
119 - TB100/clear
220 - TB200 - white
220HB - TB200HB - white
219 - TB200 - clear
219HB - TB200HB - clear
320 - TB300 & TB345 - white
319 - TB300 & TB345 - clear

Poles



02 to 36 (TB100)
02 to 30 (TB200/TB200HB)
02 to 24 (TB300/TB345)

Cover Clips – Bulk

Part Number

DD1 - TB100 Series
DD2 - TB200 Series
DD2HB - TB200HB Series
DD3 - TB300 Series

Note: Covers are not available on TB400 Series.

Top & Bottom Marking Strips

Double Row Terminal Blocks (TB100, TB200, TB300, TB345 SERIES)

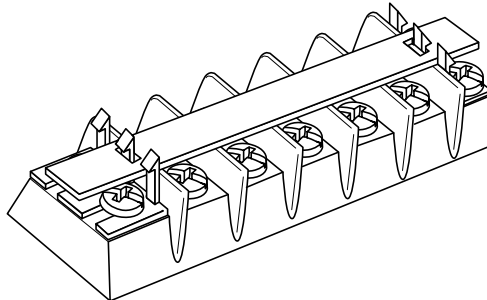
TOP MARKER STRIPS

Top mounting marker strips are available in white (opaque) plastic. Two cover clips are supplied with each marker strip.

All top marker strips must be ordered separately. Consult factory for special legends.

Example: 12 position cover, TB200, .032" x .312", with no legends . . . Part No. is X20312.

Example: 12 position cover, TB200HB, .060" x .500", with no legends . . . Part No. is X23312HB.



Part Numbering System

Series



Top Marker Strip



133 - TB100 (.060 thk x .500w)
103 - TB100 (.032 thk x .312w)
233 - TB200 (.060 thk x .500w)
233TB - TB200HB (.060 thk x .500w)
203 - TB200 (.032 thk x .312w)
203HB - TB200HB (.032 thk x .312w)
333 - TB300 & TB345 (.060 thk x .500w)
303 - TB300 & TB345 (.032 thk x .380w)

Poles



02 to 36 (TB100)
02 to 30 (TB200/TB200HB)
02 to 24 (TB300/TB345)

Note: Marking Strips are not available on TB400 Series.

BOTTOM MARKER STRIPS;

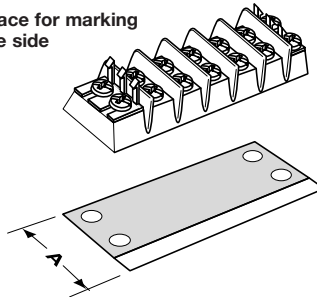
Bottom mounting marker strips are made of black PVC, .030" thick. Space is available to handle most marking situations. All marker strips must be ordered separately.

To order, specify part number, required legends and (BF) bottom forward, (BR) bottom reverse, (TF) top forward, or (TR) top reverse. Consult factory for specials.

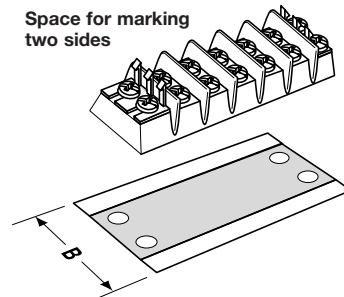
Example: 13 position strip, TB100 with no legends, space for marking one side . . . Part No. is X10513.

Position for legends (one side, two sides) can be specified standard. Standard legend height is .125". Standard legends are 0-99 and A-Z. Special legends are available on special order. Drawing(s) must be submitted to ensure accuracy of part required.

Space for marking one side



Space for marking two sides



	TB100	TB200	TB200HB	TB300	TB345	TB400
Dim. A	1.13"	1.37"	1.62"	1.58"	1.58"	N/A
Dim. B	1.38"	1.62"	1.81"	1.81"	1.81"	N/A

Part Numbering System

Series



Bottom Marker Strip



105 - TB100 - marking one side
101 - TB100 - marking both sides
205 - TB200 - marking one side
201 - TB200 - marking both sides
295 - TB200HB - marking one side
291 - TB200HB - marking both sides
305 - TB300 & TB345 - marking one side
301 - TB300 & TB345 - marking both sides

Poles



02 to 36 (TB100)
02 to 30 (TB200/TB200HB)
02 to 24 (TB300/TB345)

Orientation



BF - bottom forward
BR - bottom reverse
TF - top forward
TR - top reverse

Note: Marking Strips are not available on TB400 Series.

Series TS - Standard Base

Terminal Blocks; 8.00, 10.00,
12.00, 13.50mm Centers

SPECIFICATIONS

Rating: TS08 – 20A, 600V

TS10 – 30A, 600V

TS12 – 35A, 600V

TS14 – 50A, 600V

Wire Range: See Table

Housing Material: Polyamide Type 6/6, 94V2 (white)

Contact Material: Nickel Plated Brass

Wire Protector: Stainless Steel

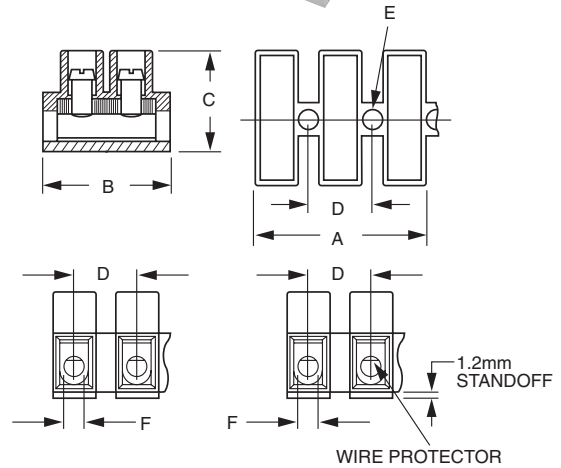
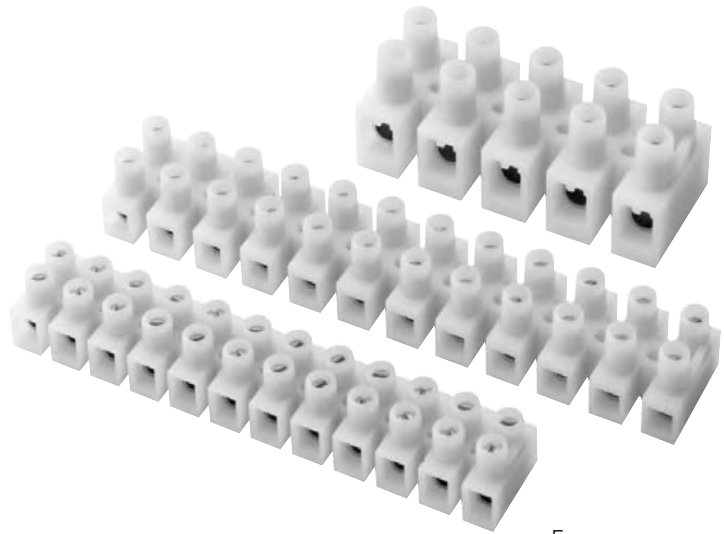
Screw Size: See Table

Operating Temperature: 105°C (221°F) max., -30°C (-22°F) min.

Torque Rating: See Table

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified



# Of Poles	A Dimensions							
	TS08		TS10		TS12		TS14	
	mm	in	mm	in	mm	in	mm	in
2	15.80	0.622	17.50	0.689	20.70	0.815	23.00	0.906
3	23.80	0.937	27.50	1.083	32.70	1.287	36.50	1.437
4	31.80	1.252	37.50	1.476	44.70	1.760	50.00	1.969
5	39.80	1.567	47.50	1.870	56.70	2.232	63.50	2.500
6	47.80	1.882	57.50	2.264	68.70	2.705	77.00	3.031
7	55.80	2.232	67.50	2.657	80.70	3.177	90.50	3.563
8	63.80	2.512	77.50	3.051	92.70	3.650	104.00	4.094
9	71.80	2.827	87.50	3.445	104.70	4.122	117.50	4.626
10	79.80	3.142	97.50	3.839	116.70	4.594	131.00	5.157
11	87.80	3.457	107.50	4.232	128.70	5.067	144.50	5.689
12	95.80	3.772	117.50	4.626	140.70	5.539	158.00	6.220

Position	Torque in-lb	Clamping Area	Wire Range AWG (cu.)	Dimensions (mm/in.)						
				Screw	Unit	B	C	D	E	F
TS0801	3.5	4.0mm ²	22-12 Sol./Str.	M2.6x5	(mm) (in)	17.00 0.67	14.50 0.57	8.00 0.32	2.90 0.11	2.8±0.1 0.11
TS0802	3.5	1.5mm ²	22-12 Sol./Str.	M2.6x5	(mm) (in)	17.00 0.67	14.50 0.57	8.00 0.32	2.90 0.11	2.8±0.1 0.11
TS1001	4.4	6.0mm ²	22-10 Sol. 14-10 Str.	M3.0x6	(mm) (in)	20.20 0.80	17.00 0.67	10.00 0.39	3.60 0.14	3.4±0.1 0.13
TS1002	4.4	2.5mm ²	22-12 Sol./Str. 10 Sol.	M3.0x6	(mm) (in)	20.20 0.80	17.00 0.67	10.00 0.39	3.60 0.14	3.4±0.1 0.13
TS1201	7.0	10.0mm ²	22-10 Sol./Str.	M3.5x7	(mm) (in)	23.80 0.94	19.00 0.75	12.00 0.47	3.90 0.14	4.2±0.1 0.15
TS1202	7.0	6.0mm ²	22-10 Sol./Str.	M3.5x7	(mm) (in)	23.80 0.94	19.00 0.75	12.00 0.47	3.90 0.15	4.2±0.1 0.15
TS1401	12.0	16.0mm ²	20-8 Sol./Str.	M4.0x9	(mm) (in)	25.60 1.01	25.20 0.99	13.50 0.53	4.40 0.17	5.0±0.1 0.19
TS1402	12.0	10.0mm ²	20-8 Sol./Str.	M4.0x9	(mm) (in)	25.60 1.01	25.20 0.99	13.50 0.53	4.40 0.17	5.0±0.1 0.19

Part Numbering System

Spacing



08
10
12
14

Base



01 - std
02 - std w/
wire protector

Positions



02 to 12

Series TS - Flat Base

Terminal Blocks; 8.00, 10.00mm Centers

SPECIFICATIONS

Rating: TS08 – 20A, 600V

TS10 – 30A, 600V

Wire Range: See Table

Housing Material: Polyamide Type 6/6, 94V2 (white)

Contact Material: Nickel Plated Brass

Wire Protector: Stainless Steel

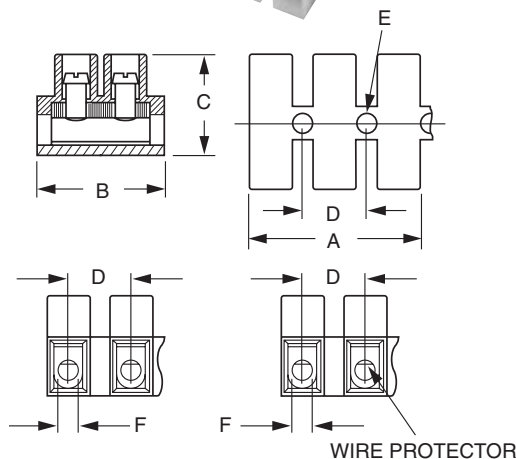
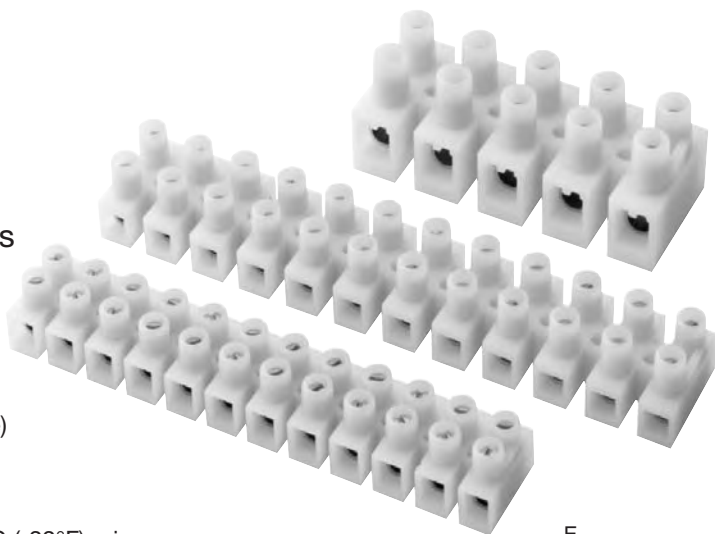
Screw Size: See Table

Operating Temperature: 105°C (221°F) max., -30°C (-22°F) min.

Torque Rating: See Table

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified



# Of Poles	A Dimensions			
	TS08		TS10	
	mm	in	mm	in
2	15.80	0.622	17.50	0.689
3	23.80	0.937	27.50	1.083
4	31.80	1.252	37.50	1.476
5	39.80	1.567	47.50	1.870
6	47.80	1.882	57.50	2.264
7	55.80	2.232	67.50	2.657
8	63.80	2.512	77.50	3.051
9	71.80	2.827	87.50	3.445
10	79.80	3.142	97.50	3.839
11	87.80	3.457	107.50	4.232
12	95.80	3.772	117.50	4.626

Position	Torque in-lb	Clamping Area	Wire Range AWG (cu.)	Dimensions (mm/in.)						
				Screw	Unit	B	C	D	E	F
TS0803	3.5	4.0mm ²	22-12 Sol./Str.	M2.6x5	(mm) (in)	16.30 0.64	13.30 0.53	8.00 0.32	2.90 0.11	2.8±0.1 0.11
TS0804	3.5	1.5mm ²	22-12 Sol./Str.	M2.6x5	(mm) (in)	16.30 0.64	13.30 0.52	8.00 0.32	2.90 0.11	2.8±0.1 0.11
TS1003	4.4	6.0mm ²	22-10 Sol. 14-10 Str.	M3.0x6	(mm) (in)	20.20 0.80	15.80 0.62	10.00 0.39	3.60 0.14	3.2±0.1 0.13
TS1004	4.4	2.5mm ²	22-12 Sol./Str. 10 Sol.	M3.0x6	(mm) (in)	20.20 0.80	15.80 0.62	10.00 0.39	3.60 0.14	3.2±0.1 0.13

Part Numbering System

Spacing



08
10

Base



03 - flat
04 - flat w/
wire protector

Positions



02 to 12

Series TS - Raised Base

Terminal Blocks; 8.00, 10.00mm Centers

SPECIFICATIONS

Rating: TS08 – 20A, 600V

TS10 – 30A, 600V

Wire Range: See Table

Housing Material: Polyamide Type 6/6, 94V2 (white)

Contact Material: Nickel Plated Brass

Wire Protector: Stainless Steel

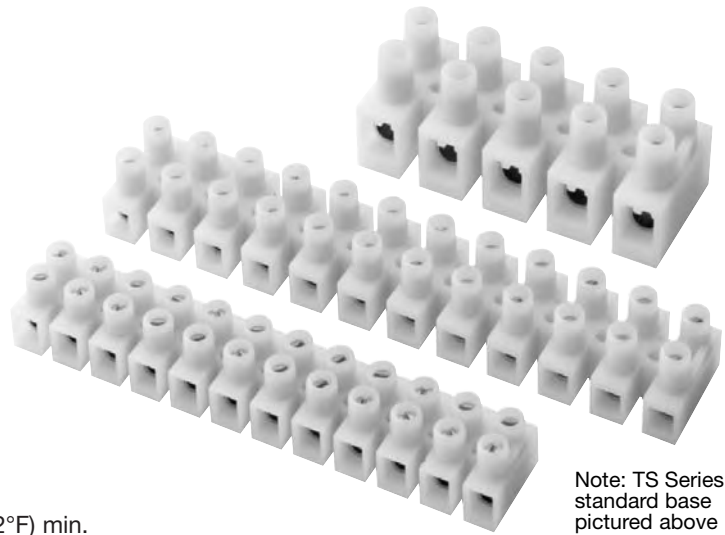
Screw Size: See Table

Operating Temperature: 105°C (221°F) max., -30°C (-22°F) min.

Torque Rating: See Table

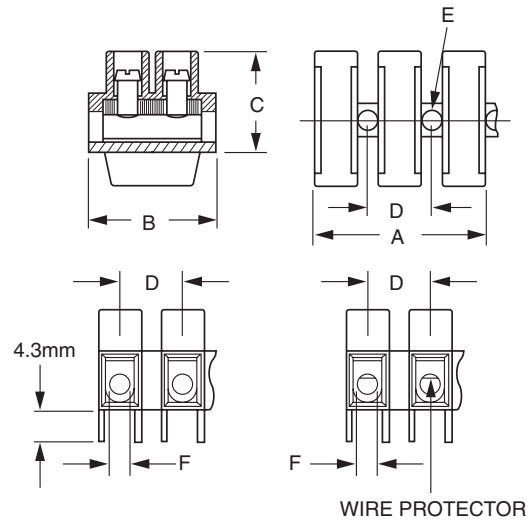
Construction: Mold to Length

Agency Information: UL/CSA; CE Certified



Note: TS Series standard base pictured above

# Of Poles	A Dimensions			
	TS08		TS10	
	mm	in	mm	in
2	15.80	0.622	17.50	0.689
3	23.80	0.937	27.50	1.083
4	31.80	1.252	37.50	1.476
5	39.80	1.567	47.50	1.870
6	47.80	1.882	57.50	2.264
7	55.80	2.232	67.50	2.657
8	63.80	2.512	77.50	3.051
9	71.80	2.827	87.50	3.445
10	79.80	3.142	97.50	3.839
11	87.80	3.457	107.50	4.232
12	95.80	3.772	117.50	4.626



Position	Torque in-lb	Clamping Area	Wire Range AWG (cu.)	Dimensions (mm/in.)						
				Screw	Unit	B	C	D	E	F
TS0805	3.5	4.0mm ²	22-12 Sol./Str.	M2.6x5	(mm) (in)	16.30 0.64	16.90 0.67	8.00 0.32	2.90 0.11	2.8±0.1 0.11
TS0806	3.5	1.5mm ²	22-12 Sol./Str.	M2.6x5	(mm) (in)	16.30 0.64	16.90 0.67	8.00 0.32	2.90 0.11	2.8±0.1 0.11
TS1005	4.4	6.0mm ²	22-10 Sol. 14-10 Str.	M3.0x6	(mm) (in)	20.20 0.80	20.10 0.79	10.00 0.39	3.60 0.14	3.2±0.1 0.13
TS1006	4.4	2.5mm ²	22-12 Sol./Str. 10 Sol.	M3.0x6	(mm) (in)	20.20 0.80	20.10 0.79	10.00 0.39	3.60 0.14	3.2±0.1 0.13

Part Numbering System

Spacing



08
10

Base



05 - stand offs
06 - stand offs w/
wire protector

Positions



02 to 12

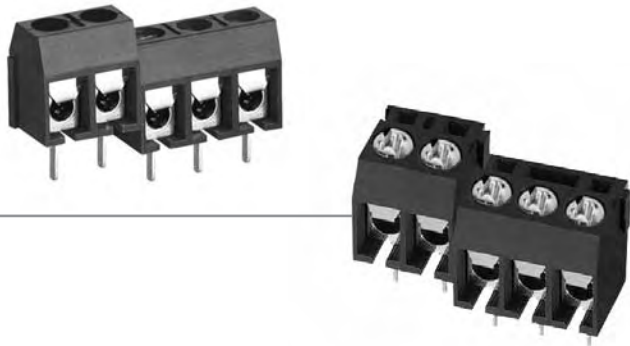
INTRODUCING OUR FULL LINE EUROMAG (EM) SERIES

Aside from the collection covered in the next section, MAGNUM also offers a variety of other standard European style PCB Terminal Blocks. Configurations include straight to board, plug and header, screwless, insulation displacement connectors (IDC), 2-tiered, 3-tiered, mold to length, modular (stackable) design, and terminal blocks with horizontal, vertical, 35 and 45 degree wire entry orientations. Available center spacings range from 2.54 mm to 15.00 mm.

MAGNUM has years of experience in custom designed products. If it is not included in these pages, it is NOT impossible. Contact the factory today!

Log onto our website at www.magnumtb.com to see all of MAGNUM's product offerings.

PCB Mount - Spring Clamp Design	p41-49
PCB Mount - Cage Clamp Design	p50-60
PCB Mount - Two & Three Tier	p61-65
PCB Mount - High Current (28A-115A)	p66-76
Screwless	p77-85
Pluggable	p86-119



EM3123 Series Euro-Mag Terminal Blocks

3.50 Centers; Modular

SPECIFICATIONS

Rating: 6A, 300V

Center Spacing: .138" (3.50)

Wire Range: #16-26 AWG

Housing Material: Black Polyamide Type 6/6, 94V0

Contact Material: Tin Plated Brass

Wire Protector: Stainless Steel

Screw Size: M2.0 Chromate Steel

Operating Temperature: 105°C (221°F) max., -33°C (-27°F) min.

Torque Rating: 2.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

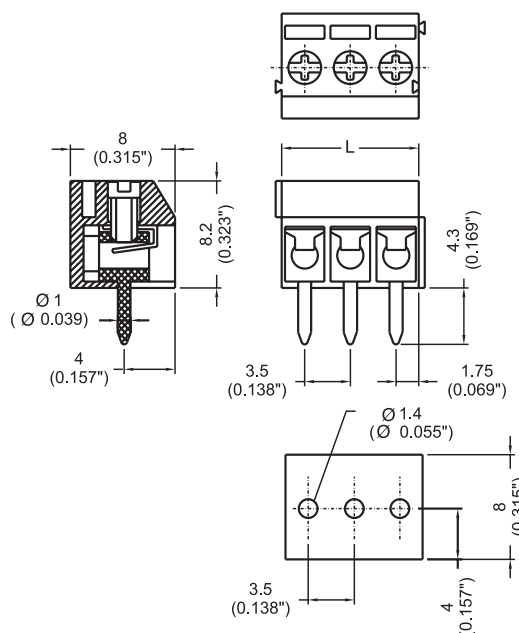


EM312305

TABLE A

Poles	L (mm)	Poles	L (mm)
2	7.00	14	49.50
3	10.50	15	52.50
4	14.00	16	56.00
5	17.50	17	59.50
6	21.00	18	63.00
7	24.50	19	66.50
8	28.00	20	70.00
9	31.50	21	73.50
10	35.00	22	77.00
11	38.50	23	80.50
12	42.00	24	84.00
13	45.50		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM3123

02 03

02 to 24

EM2665 Series Euro-Mag Terminal Blocks

5.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .197" (5.00 mm)

Consult factory for .394" (10.00 mm)

Wire Range: #14-22 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Screw Size: M3x5 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 7 in-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Connector Style: Spring Clamp

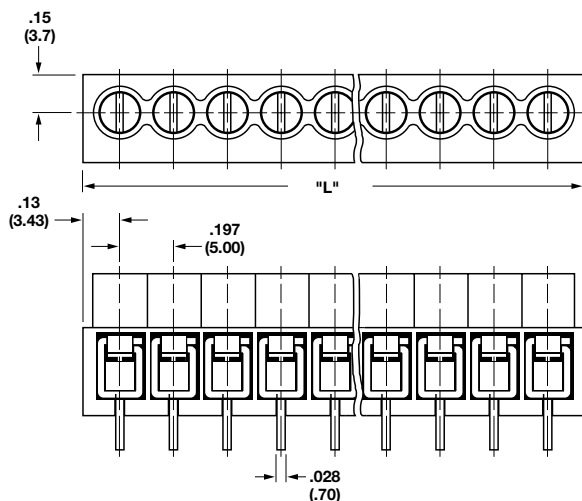
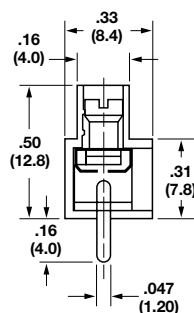
Agency Information: UL/CSA; CE Certified

EM266512

TABLE A

Position	L (mm)	Position	L (mm)
02	10.00	14	70.00
03	15.00	15	75.00
04	20.00	16	80.00
05	25.00	17	85.00
06	30.00	18	90.00
07	35.00	19	95.00
08	40.00	20	100.00
09	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4



Also available in 10.00 mm (EM2661XX).

Part Numbering System

Series

of Positions

EM2665

□□

02 to 24

EM3660 Series Euro-Mag Terminal Blocks

5.00 Centers; Modular

SPECIFICATIONS

Rating: 16A, 250V

Center Spacing: .197" (5.00)

Wire Range: #16-24 AWG

Housing Material: Blue Polyamide Type 6/6, 94V0

Contact Material: Tin Plated Brass

Wire Protector: Stainless Steel

Screw Size: M3 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -33°C (-27°F) min.

Torque Rating: 4.0 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified



EM366005

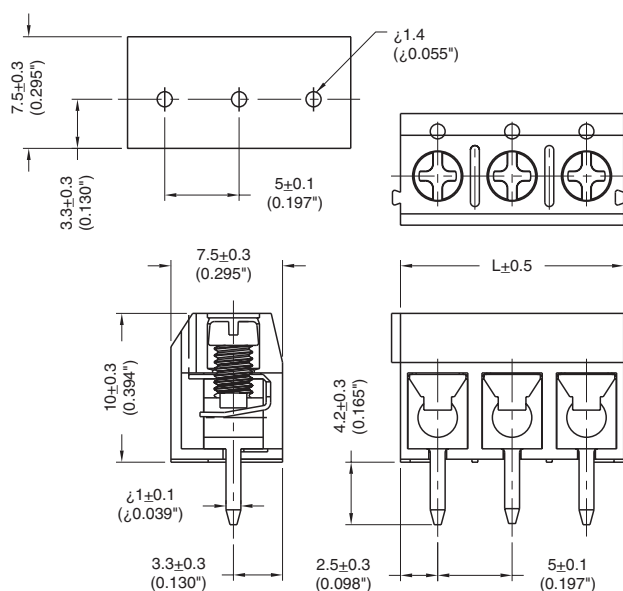


TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3660

02 to 24

02 to 24

EM3665 Series Euro-Mag Terminal Blocks

5.00 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .197" (5.00)

Wire Range: #16-22 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Screw Size: M2.5x5 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 2.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Connector Style: Spring Clamp

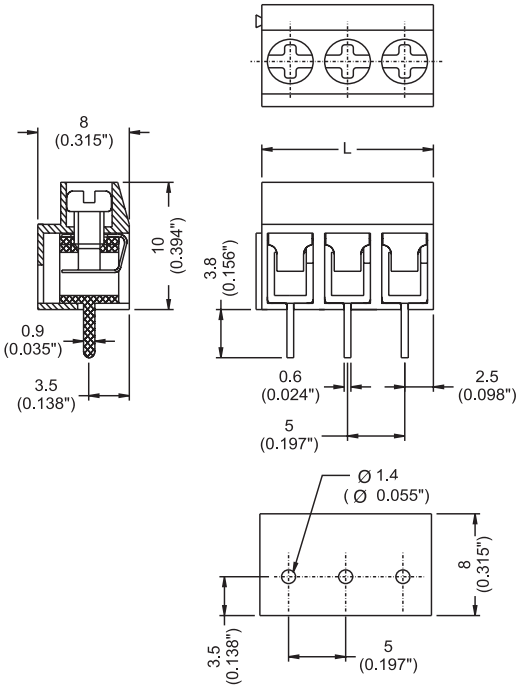
Agency Information: UL/CSA; CE Certified

EM366512

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4



Part Numbering System

Series

EM3665

of Poles

02 to 24

EM3675 Series **Euro-Mag Terminal Blocks** 5.00 Centers

SPECIFICATIONS

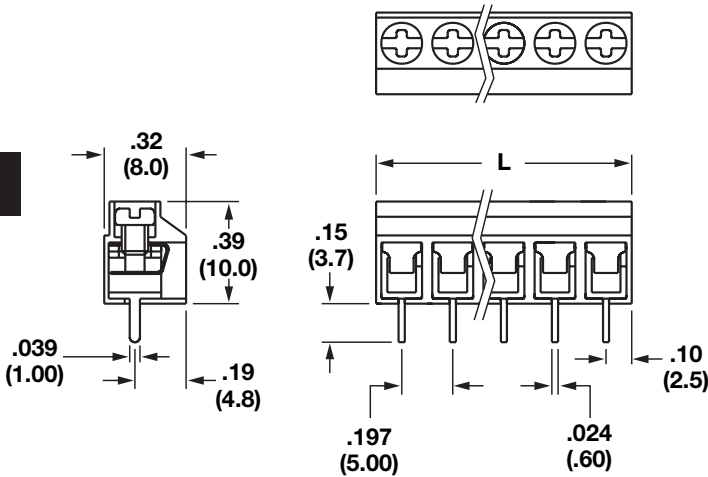
Rating: 10A, 300V
Center Spacing: .197" (5.00)
Wire Range: #14-26 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Tin Plated Brass
Screw Size: M2x6, Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 4.0 in-lb.
Recommended PCB Hole Diameters: .055" (1.40)
Construction: Mold to Length
Connector Style: Spring Clamp
Agency Information: UL/CSA; CE Certified

EM367512

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	15	75.00
3	15.00	16	80.00
4	20.00	17	85.00
5	25.00	18	90.00
6	30.00	19	95.00
7	35.00	20	100.00
8	40.00	21	105.00
9	45.00	22	110.00
10	50.00	23	115.00
11	55.00	24	120.00
12	60.00	25	125.00
13	65.00	26	130.00
14	70.00	27	135.00

To convert to inches, divide by 25.4



Euro-MAG Series
 PCB - Spring Clamp

Part Numbering System

Series

EM3675

of Poles

02 to 27

EM3127 Series Euro-Mag Terminal Blocks

7.50 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .295" (7.50)

Wire Range: #14-22 AWG

Housing Material: Black Polyamide Type 6/6, 94V0

Contact Material: Tin Plated Brass

Wire Protector: Stainless Steel

Screw Size: M3.0 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -33°C (-27°F) min.

Torque Rating: 3.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA Pending; CE Certified

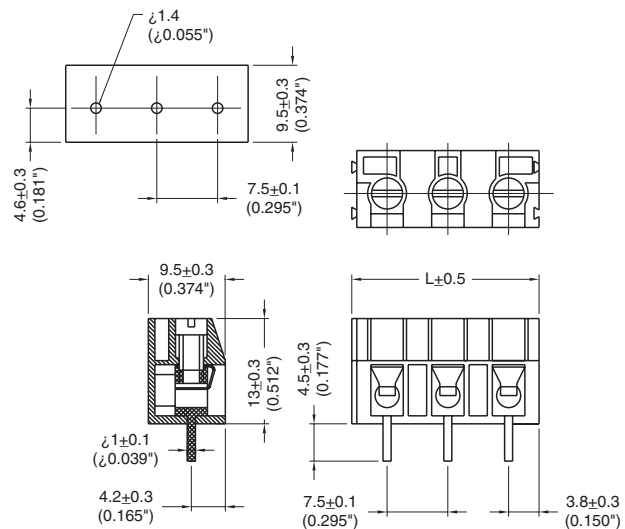


EM312705

TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.00	14	105.00
3	22.50	15	112.50
4	33.00	16	120.00
5	37.50	17	127.50
6	45.00	18	133.00
7	52.50	19	142.50
8	60.00	20	150.00
9	67.50	21	157.50
10	75.00	22	165.00
11	82.50	23	172.50
12	90.00	24	180.00
13	97.50		

To convert to inches, divide by 25.4



Part Numbering System

Series

EM3127

of Poles

02 02

02 to 24

EM2661 Series Euro-Mag Terminal Blocks 10.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .394" (10.00)

Wire Range: #14-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Wire Protector: Stainless Steel

Screw Size: M2.6 Chromate Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.0 in-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

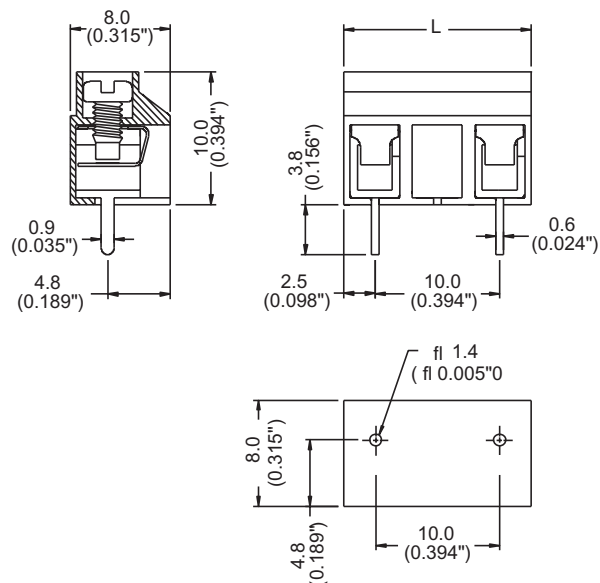


EM266106

TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.00	8	75.00
3	25.00	9	85.00
4	35.00	10	95.00
5	45.00	11	105.00
6	55.00	12	115.00
7	65.00	13	125.00

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2661

02 to 13

02 to 13

EM3661 Series
Euro-Mag Terminal Blocks
10.00 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V
Center Spacing: .394" (10.00)
Wire Range: #14-26 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Tin Plated Brass
Wire Protector: Stainless Steel
Screw Size: M2.6 Chromate Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 4.0 in-lb.
Recommended PCB Hole Diameters: .055" (1.40)
Construction: Modular design features dove-tails for interlocking to achieve longer lengths
Agency Information: UL/CSA; CE Certified



EM366102

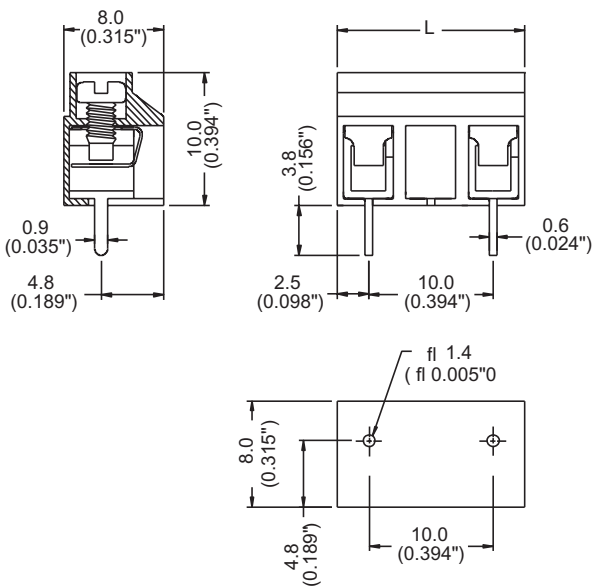


TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.00	9	50.00
3	20.00	10	55.00
4	25.00	11	60.00
5	30.00	12	65.00
6	35.00	13	70.00
7	40.00	14	75.00
8	45.00		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM3661

of Poles

02 to 14

EM3671 Series Euro-Mag Terminal Blocks 10.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .394" (10.00)

Wire Range: #14-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Wire Protector: Stainless Steel

Screw Size: M2.6 Chromate Steel

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

Torque Rating: 4.0 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

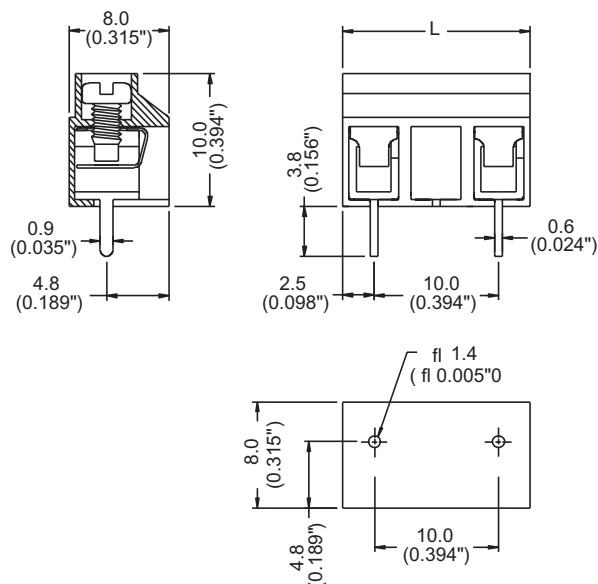


EM367106

TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.00	8	75.00
3	25.00	9	85.00
4	35.00	10	95.00
5	45.00	11	105.00
6	55.00	12	115.00
7	65.00	13	125.00

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM3671

02 to 13

02 to 13

EM3923 Series Euro-Mag Terminal Blocks

3.50 Centers; Modular

SPECIFICATIONS

Rating: 8A, 300V
Center Spacing: .138" (3.50 mm)
Wire Range: #16-26 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass Tin Plated
Cage Clamp: Brass, Nickel Plated
Screw Size: M2.0 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-67°F) min.
Torque Rating: 2.5 in-lb.
Recommended PCB Hole Diameters: .055" (1.40)
Construction: Modular design features dove-tails for interlocking to achieve longer lengths
Agency Information: UL/CSA; CE Certified



EM392305

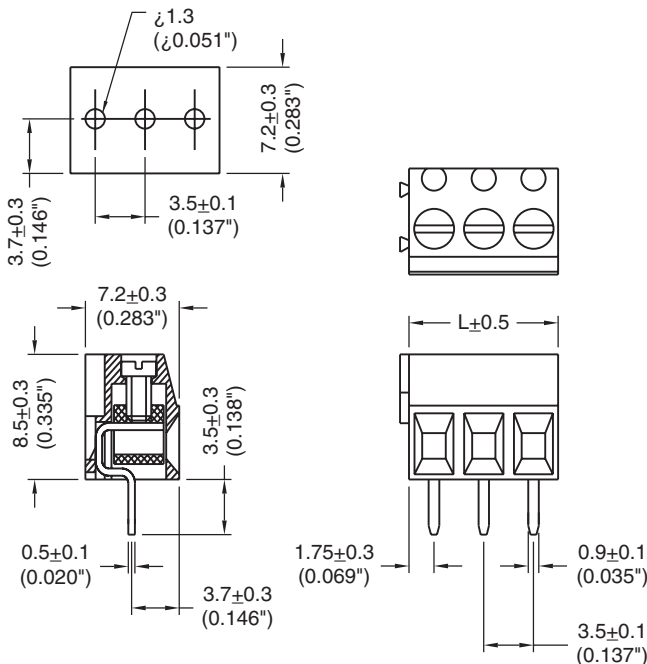


TABLE A

Poles	L (mm)	Poles	L (mm)
2	7.00	14	49.50
3	10.50	15	52.50
4	14.00	16	56.00
5	17.50	17	59.50
6	21.00	18	63.00
7	24.50	19	66.50
8	28.00	20	70.00
9	31.50	21	73.50
10	35.00	22	77.00
11	38.50	23	80.50
12	42.00	24	84.00
13	45.50		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM3923

of Poles

02 to 24

EM3503 Series Euro-Mag Terminal Blocks

3.81 Centers; Modular

SPECIFICATIONS

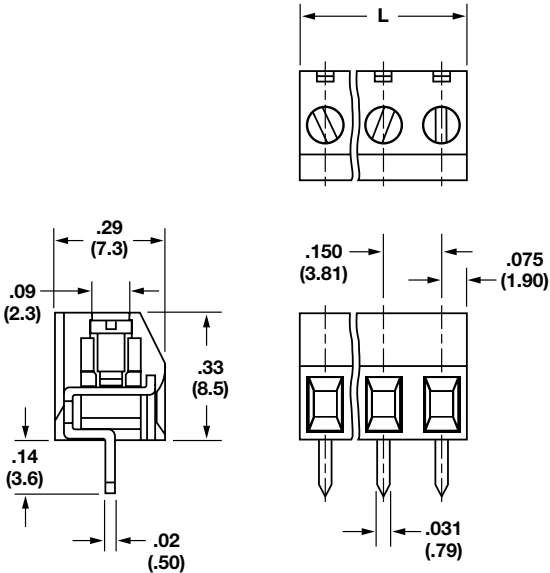
Rating: 8A, 300V
Center Spacing: .150" (3.81 mm)
Wire Size: #16-26 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass Tin Plated
Screw Size: M 2x3 Zinc Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 4.5 in.-lb.
Recommended PCB Hole Diameters: .055" (1.40)
Construction: Modular design features dove-tails for interlocking to achieve longer lengths
Approvals: UL/CSA; CE Certified

EM350305

TABLE A

Poles	L (mm)	Poles	L (mm)
2	7.62	14	53.34
3	11.43	15	57.15
4	15.24	16	60.96
5	19.05	17	64.77
6	22.86	18	68.58
7	26.67	19	72.39
8	30.48	20	76.20
9	34.29	21	80.01
10	38.10	22	83.82
11	41.91	23	87.63
12	45.72	24	91.44
13	49.53		

To convert to inches, divide by 25.4



Euro-MAG Series
PCB - Cage Clamp

Part Numbering System

Series

of Positions

EM3503

02 24

02 to 24

EM2585 Series Euro-Mag Terminal Blocks

5.00 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .197" (5.00 mm)

Consult factory for .394" (10.00 mm)

Wire Range: #12-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Screw Size: M3x5 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 7 in-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

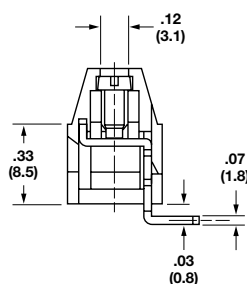
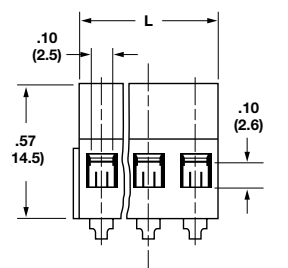
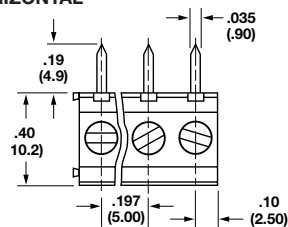
Connector Style: Rising Cage Clamp

Agency Information: UL/CSA; CE Certified



EM258505V

HORIZONTAL



VERTICAL

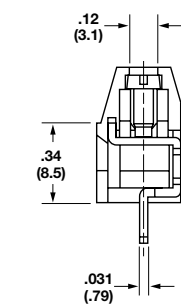
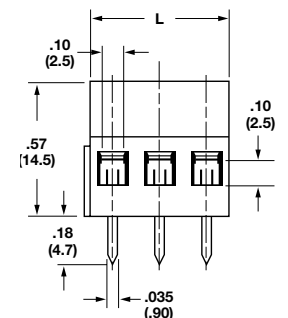
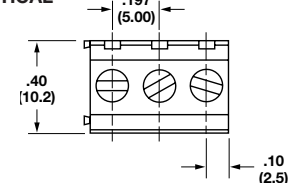


TABLE A

Position	L (mm)	Position	L (mm)
02	10.00	14	70.00
03	15.00	15	75.00
04	20.00	16	80.00
05	25.00	17	85.00
06	30.00	18	90.00
07	35.00	19	95.00
08	40.00	20	100.00
09	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2585

of Positions

02 to 24

Orientation

H - horizontal
V - vertical

EM3225 Series

Euro-Mag Terminal Blocks

35° Angle; 5.00 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .197" (5.00 mm)

Consult factory for .393" (10.00 mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

EM322505

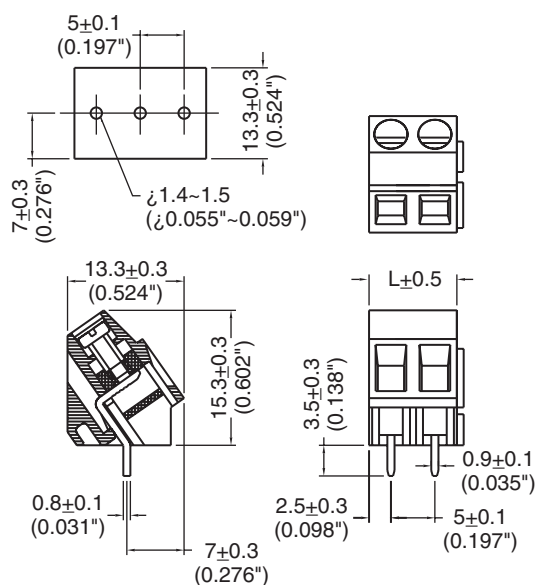


TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3225

02 03

02 to 24

EM2205 Series Euro-Mag Terminal Blocks

45° Angle, 5.00 Centers, Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .197" (5.00 mm)

Consult factory for .393" (10.00 mm)

Wire Range: #12-24 AWG

Housing Material: Grey Polyamide Type 6/6, 94V0

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Tin Plated

Screw Size: M2.6 Chromate Steel

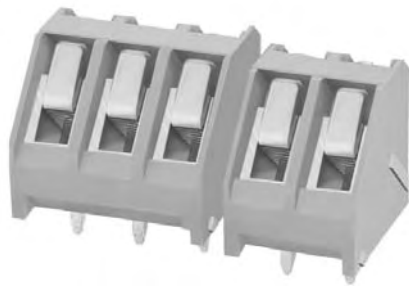
Operating Temperature: 105°C (221°F) max., -33°C (-27°F) min.

Torque Rating: 3.5 in-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

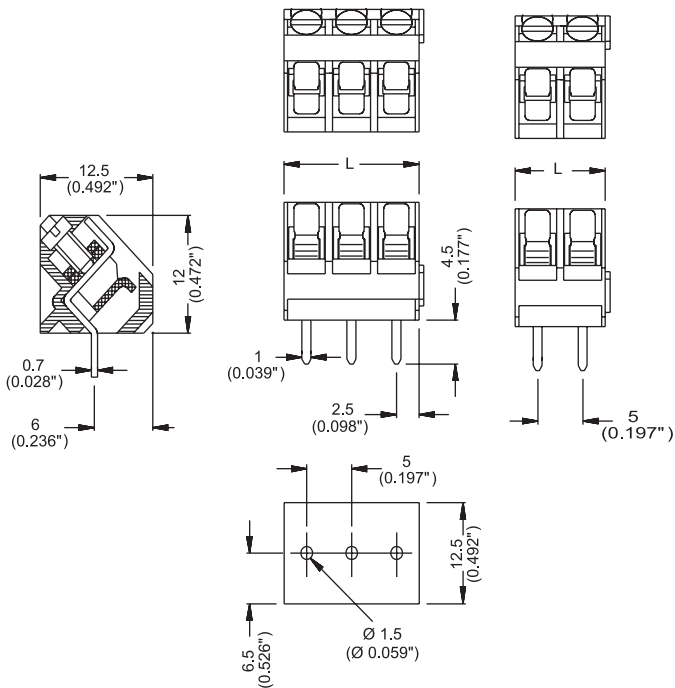


EM220505

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2205

02 24

02 to 24

EM2505 Series Euro-Mag Terminal Blocks 5.08 Centers; Modular

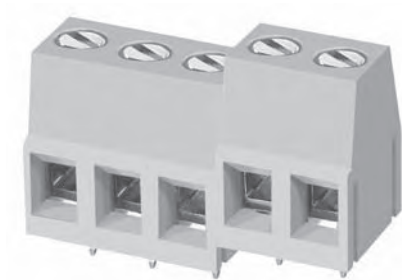
SPECIFICATIONS

Rating : 16A, 300V
Center Spacing : .200 " (5.08 mm)
Consult factory for .400 " (10.16 mm)
Wire Range : #12-26 AWG
Housing Material : UL rated 94V0 Thermoplastic
Contact Material : Brass Tin Plated
Screw Size : M3x5 Zinc Plated Steel
Operating Temperature : 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating : 7 in-lb.
Recommended PCB Hole Diameters : .055 " (1.40)
Construction : Modular design features dove-tails for interlocking to achieve longer lengths
Connector Style : Rising Cage Clamp
Agency Information : UL/CSA; CE Certified

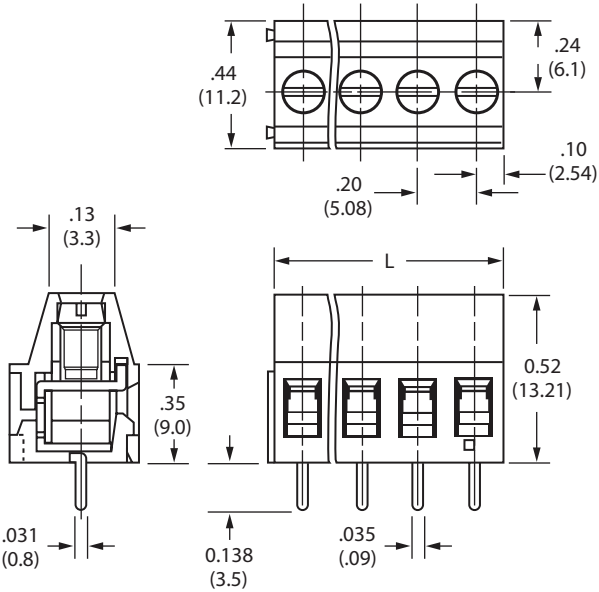
TABLE A

Position	L (mm)	Position	L (mm)
02	10.16	14	71.12
03	15.24	15	76.20
04	20.32	16	81.28
05	25.40	17	86.36
06	30.48	18	91.44
07	35.56	19	96.52
08	40.64	20	101.60
09	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4



EM250505V



Euro-MAG Series
PCB - Cage Clamp

Part Numbering System

Series

EM2505

of Positions

02 to 24

Orientation

V - vertical

EM3228 Series Euro-Mag Terminal Blocks

35° Angle; 5.08 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .200" (5.08 mm)

Consult factory for .400" (10.16 mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

EM322805

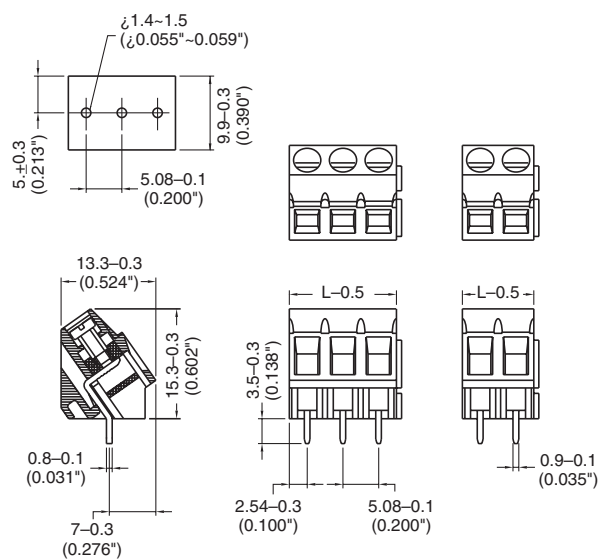


TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.16	14	72.12
3	15.24	15	76.20
4	20.32	16	81.28
5	25.40	17	86.36
6	30.48	18	91.44
7	35.56	19	96.52
8	40.64	20	101.60
9	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3228

02 to 24

EM2507 Series Euro-Mag Terminal Blocks

7.50 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .295" (7.50)

Wire Range: #14-22 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.0 in-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

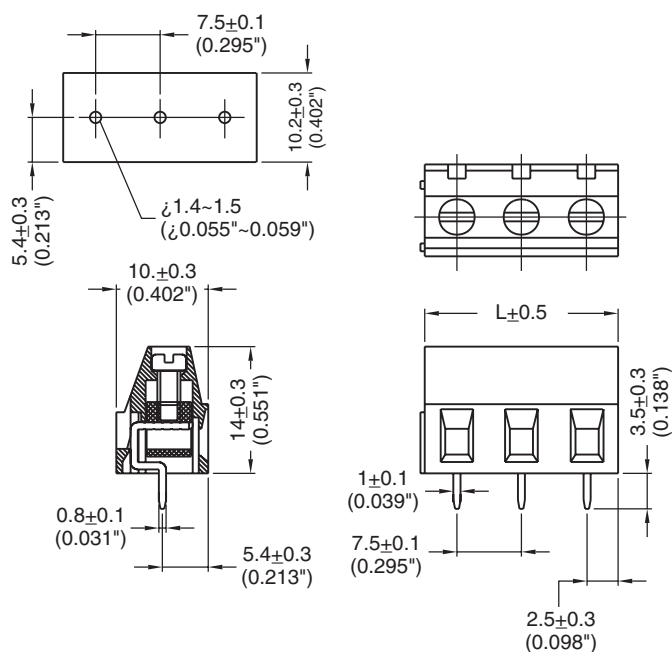
Agency Information: UL/CSA; CE Certified

EM250705

TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.00	14	105.00
3	22.50	15	112.50
4	33.00	16	120.00
5	37.50	17	127.50
6	45.00	18	133.00
7	52.50	19	142.50
8	60.00	20	150.00
9	67.50	21	157.50
10	75.00	22	165.00
11	82.50	23	172.50
12	90.00	24	180.00
13	97.50		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2507

02 03

02 to 24

EM3227 Series Euro-Mag Terminal Blocks

35° Angle, 7.50 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .295" (7.50 mm)

Consult factory for .400" (10.16 mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.0 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

EM322705

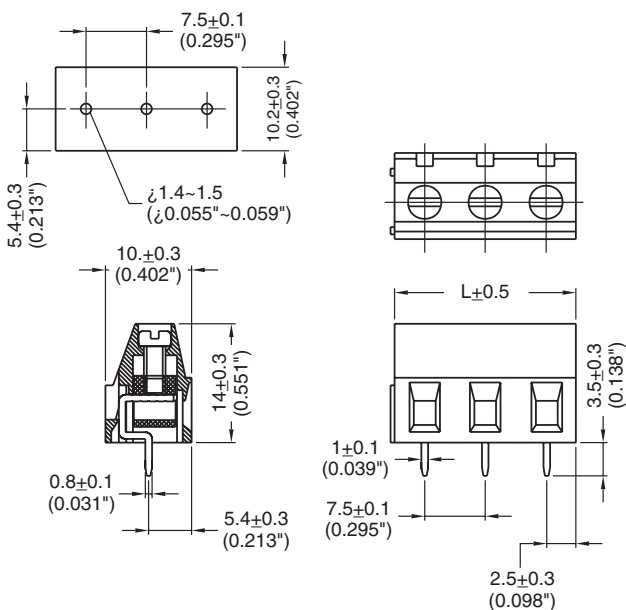


TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.00	14	105.00
3	22.50	15	112.50
4	33.00	16	120.00
5	37.50	17	127.50
6	45.00	18	133.00
7	52.50	19	142.50
8	60.00	20	150.00
9	67.50	21	157.50
10	75.00	22	165.00
11	82.50	23	172.50
12	90.00	24	180.00
13	97.50		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM3227

of Poles

02 to 24

EM2506 Series Euro-Mag Terminal Blocks

7.62 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .300" (7.62)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.0 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

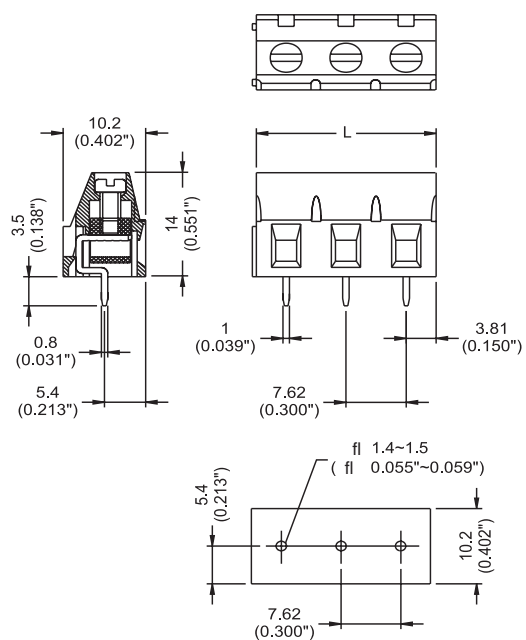
Agency Information: UL/CSA; CE Certified

EM250605

TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.24	14	106.69
3	22.86	15	114.31
4	30.48	16	121.93
5	38.10	17	129.55
6	45.72	18	137.17
7	53.34	19	144.79
8	60.96	20	152.41
9	68.58	21	160.03
10	76.20	22	167.65
11	83.82	23	175.27
12	91.44	24	182.89
13	99.07		

To convert to inches, divide by 25.4



Part Numbering System

Series

EM2506

of Poles

02 to 24

EM3226 Series Euro-Mag Terminal Blocks

35° Angle, 7.62 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .300" (7.62)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.0 in-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

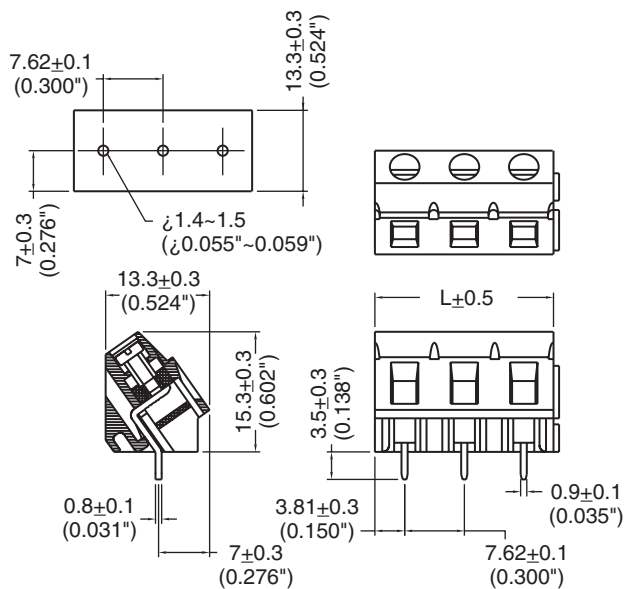
EM322605

TABLE A

Poles	L (mm)	Poles	L (mm)
2*	15.24	14	106.69
3*	22.86	15	114.31
4	30.48	16	121.93
5	38.10	17	129.55
6	45.72	18	137.17
7	53.34	19	144.79
8	60.96	20	152.41
9	68.58	21	160.03
10	76.20	22	167.65
11	83.82	23	175.27
12	91.44	24	182.89
13	99.07		

* Mold To Length

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM3226

02 24

02 to 24

EM2403 Series Euro-Mag Terminal Blocks

Two Tier; 3.81 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .150" (3.81 mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.0 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 2.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

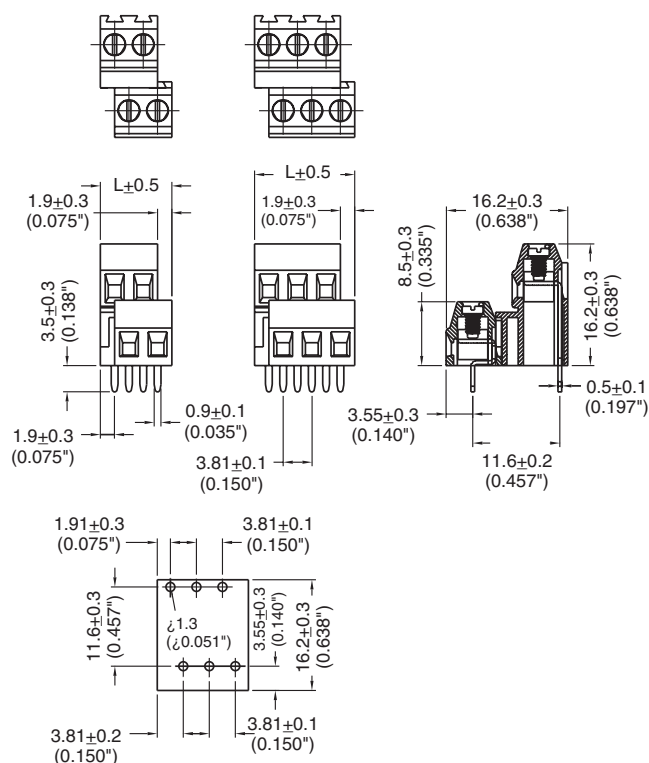
TABLE A

Poles	L (mm)	Poles	L (mm)
2	9.53	8	32.39
3	13.34	9	36.20
4	17.15	10	40.00
5	20.96	11	43.80
6	24.77	12	47.60
7	28.58		

To convert to inches, divide by 25.4

EM240308

EM240304



Part Numbering System

Series

of Poles

EM2403

02

02 - 12

EM2803 Series Euro-Mag Terminal Blocks

Three Tier; 3.81 Centers; Modular

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .150" (3.81 mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.0 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 2.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

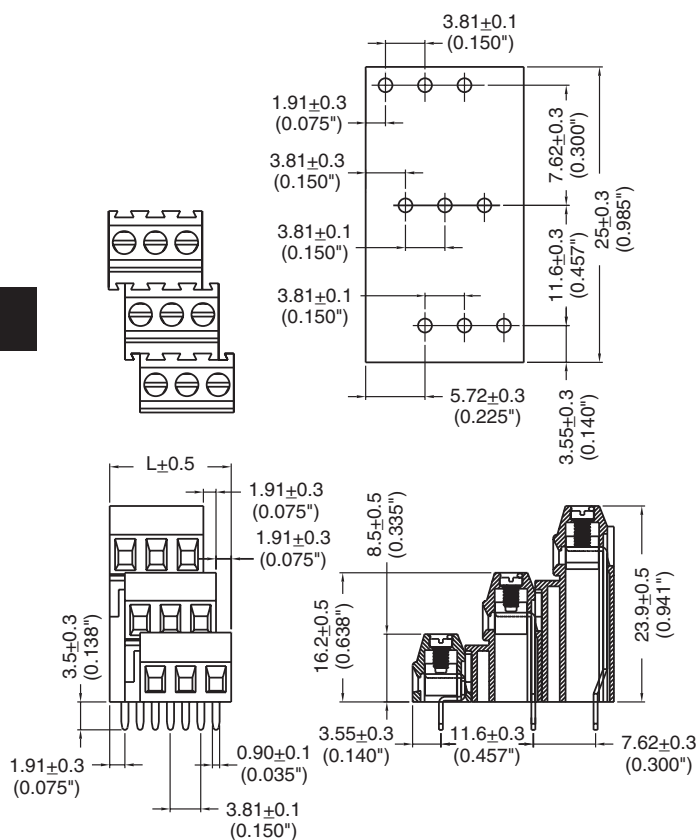


EM280302

TABLE A

Poles	L (mm)	Poles	L (mm)
2	11.43	8	34.29
3	15.24	9	38.10
4	19.05	10	41.90
5	22.86	11	45.70
6	26.67	12	49.50
7	30.48		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2803

02 12

02 - 12

EM2445 Series Euro-Mag Terminal Blocks

Two Tier; 5.00 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .197" (5.00)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Screw Size: M2x6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.0 in-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Connector Style: Rising Cage Clamp

Agency Information: UL/CSA; CE Certified

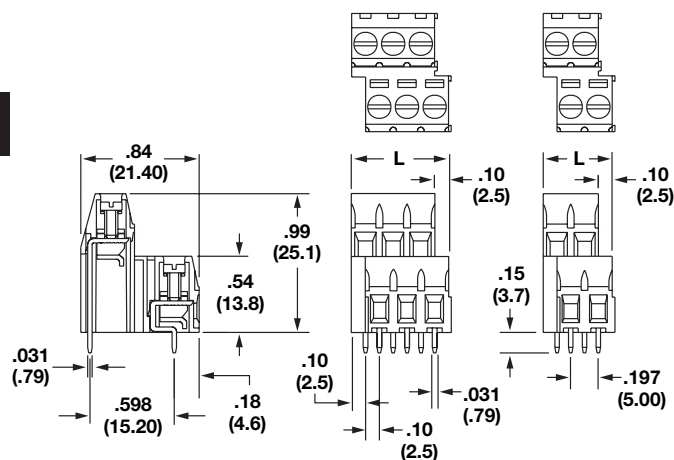
EM244508

EM244504

TABLE A

Poles	L (mm)	Poles	L (mm)
2	12.50	13	67.50
3	17.50	14	72.50
4	22.50	15	77.50
5	27.50	16	82.50
6	32.50	17	87.50
7	37.50	18	92.50
8	42.50	19	97.50
9	47.50	20	102.50
10	52.50	21	107.50
11	57.50	22	112.50
12	62.50	23	117.50
		24	122.50

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2445

□□

02 to 24

EM2448 Series Euro-Mag Terminal Blocks

Two Tier; 5.08 Centers; Modular

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .200" (5.08 mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

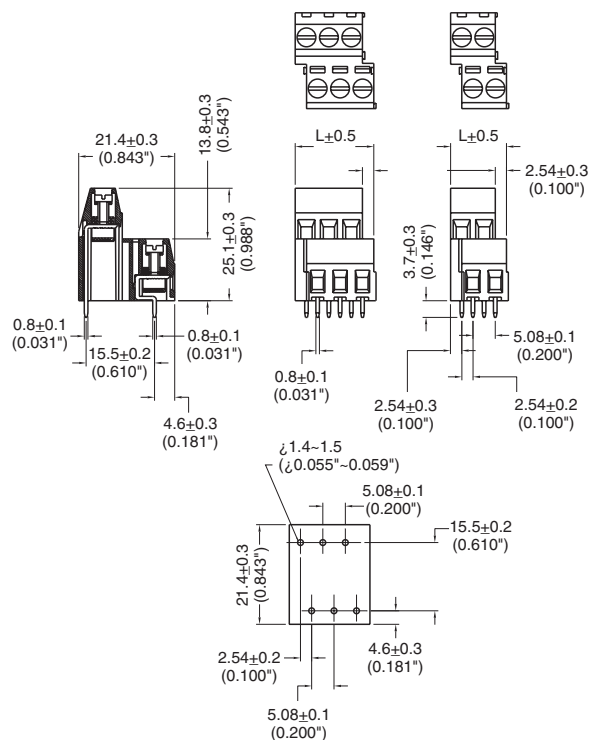
EM244808

EM244804

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.16	14	71.12
3	15.24	15	76.20
4	20.32	16	81.28
5	25.40	17	86.36
6	30.48	18	91.44
7	35.56	19	96.52
8	40.64	20	101.60
9	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2448

02 24

02 to 24

EM2855 Series Euro-Mag Terminal Blocks

Three Tier; 5.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .197" (5.00 mm)

Wire Range: #14-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass Nickel Plated

Screw Size: M26 Steel Chromatized

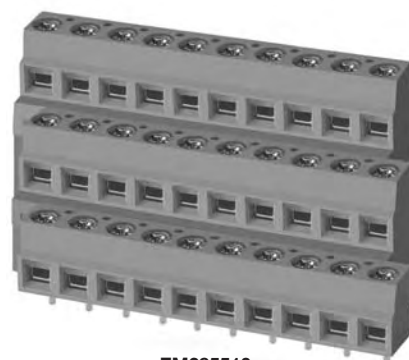
Operating Temperature: 105°C max., -55°C min.

Torque Rating: 4.5 in-lb

Recommended PCB Hole Diameters: 01.30 mm (00.051")

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

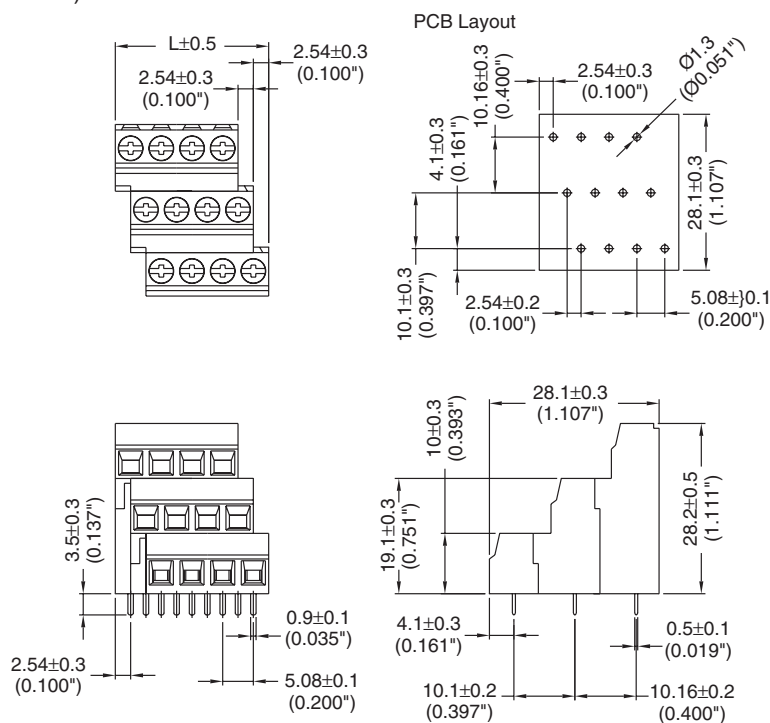


EM285510

TABLE A

Poles	L (mm)
2	12.50
3	17.50
4	22.50
5	27.50
6	32.50

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2855

02 06

02 to 06

Note: Longer positions, please consult factory.

EM2905 Series Euro-Mag Terminal Blocks

High Current; 5.00 Centers; Modular

SPECIFICATIONS

Rating: 28A, 250V

Center Spacing: .197" (5.00)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

EM290508

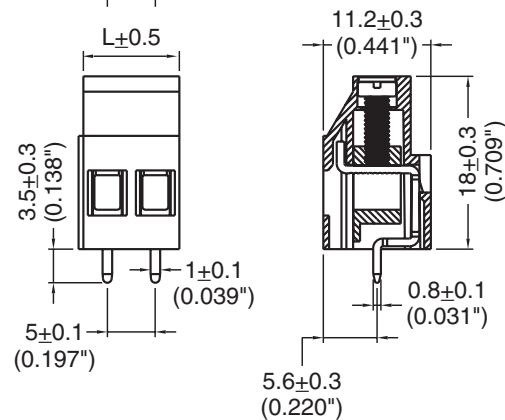
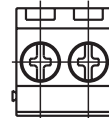
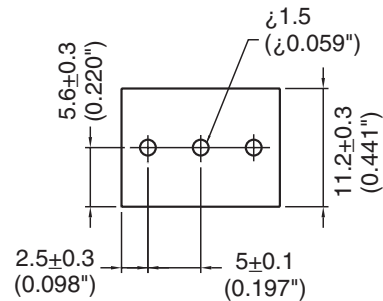


TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2905

of Poles

02 24

02 to 24

EM2908 Series Euro-Mag Terminal Blocks

High Current; 5.08 Centers; Modular

SPECIFICATIONS

Rating: 28A, 250V

Center Spacing: .200" (5.08)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

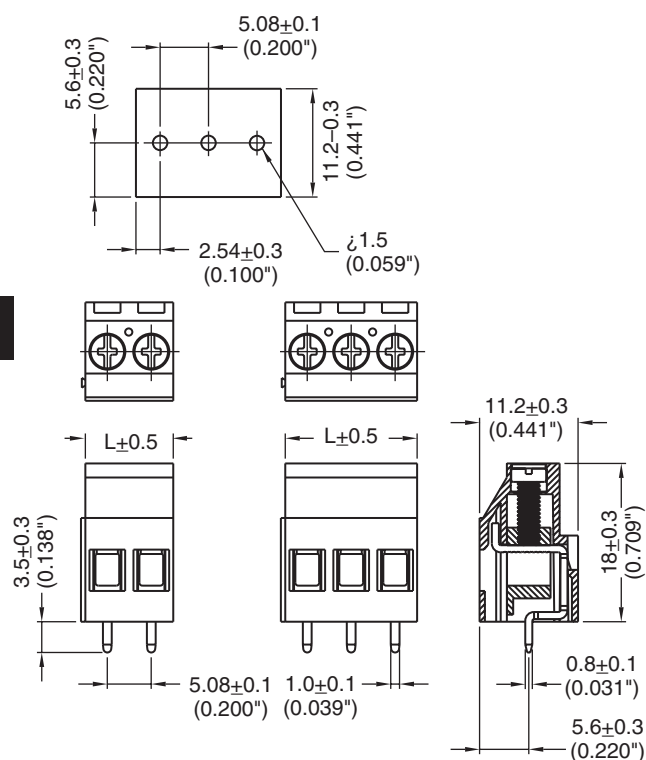
Agency Information: UL/CSA; CE Certified

EM290808

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.16	14	71.12
3	15.24	15	76.20
4	20.32	16	81.28
5	25.40	17	86.36
6	30.48	18	91.44
7	35.56	19	96.52
8	40.64	20	101.60
9	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2908

02 24

02 to 24

EM9126 Series Euro-Mag Terminal Blocks

6.35 Centers; Modular

SPECIFICATIONS

Rating: 30A, 300V

Center Spacing: .250" (6.35)

Wire Range: #10-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M3.0 Steel Nickel Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.5 in.-lb.

Recommended PCB Hole Diameters: .071" (1.80)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

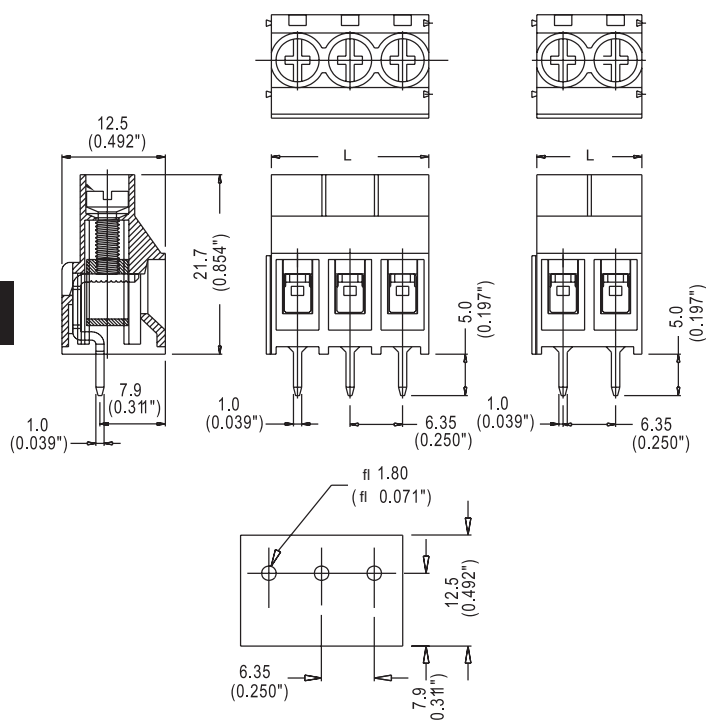
Agency Information: UL/CSA; CE Certified

EM912605

TABLE A

Poles	L (mm)	Poles	L (mm)
2	12.70	14	88.90
3	19.05	15	95.25
4	25.40	16	101.60
5	31.75	17	107.95
6	38.10	18	114.30
7	44.45	19	120.65
8	50.80	20	127.00
9	57.15	21	133.35
10	63.50	22	139.70
11	69.85	23	146.05
12	76.20	24	152.40
13	82.55		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM9126

02 24

02 to 24

EM9127 Series Euro-Mag Terminal Blocks

7.50 Centers; Modular

SPECIFICATIONS

Rating: 30A, 300V

Center Spacing: 7.50

Wire Range: #10-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M3.5 Steel Nickel Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.5 in.-lb.

Recommended PCB Hole Diameters: .071" (1.80)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

EM912705

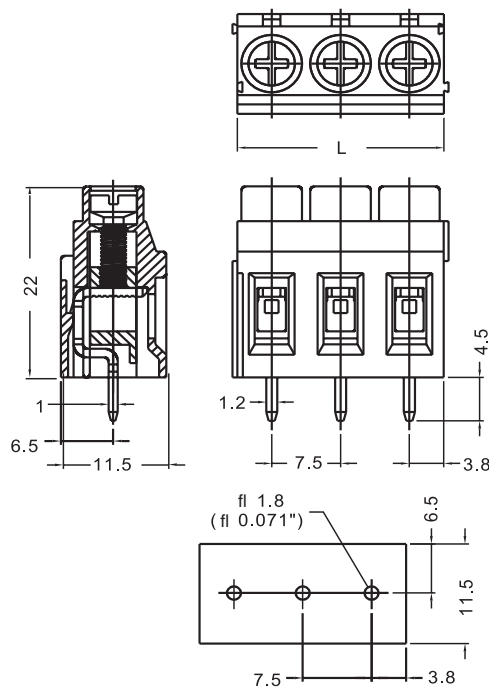


TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.00	14	105.00
3	22.50	15	112.50
4	30.00	16	120.00
5	37.50	17	127.50
6	45.00	18	135.00
7	52.50	19	142.50
8	60.00	20	150.00
9	67.50	21	157.50
10	75.00	22	165.00
11	82.50	23	172.50
12	90.00	24	180.00
13	97.50		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM9127

02 09

02 to 24

EM9128 Series Euro-Mag Terminal Blocks

7.62 Centers; Modular

SPECIFICATIONS

Rating: 30A, 300V

Center Spacing: 7.62

Wire Range: #10-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M3.0 Steel Nickel Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.5 in.-lb.

Recommended PCB Hole Diameters: .071" (1.80)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

EM912805

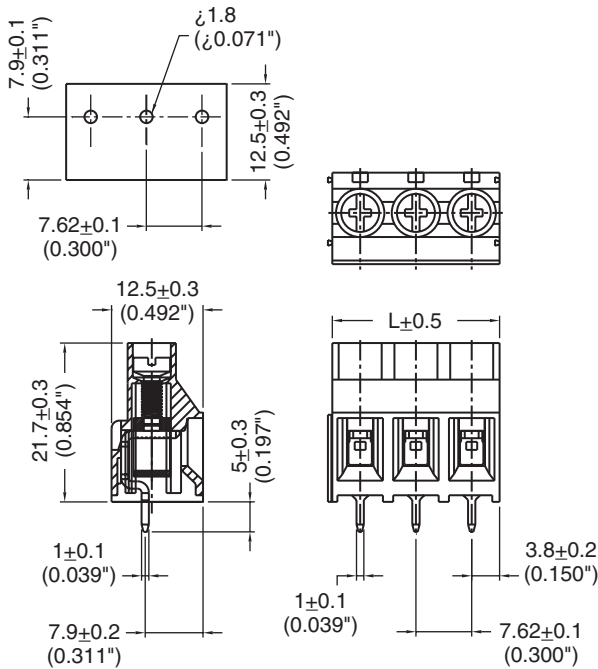


TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.24	14	106.68
3	22.86	15	114.30
4	30.48	16	121.92
5	38.10	17	129.54
6	45.72	18	137.16
7	53.34	19	144.78
8	60.96	20	152.40
9	68.58	21	160.02
10	76.20	22	167.64
11	83.82	23	175.26
12	91.44	24	182.88
13	99.06		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM9127

of Poles

02

02 to 24

EM2909 Series Euro-Mag Terminal Blocks

35° Angle; 9.52 Centers; Modular

SPECIFICATIONS

Rating: 30A, 600V

Center Spacing: .375" (9.52)

Wire Range: #10-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Steel, Nickel Plated

Screw Size: M3.0 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

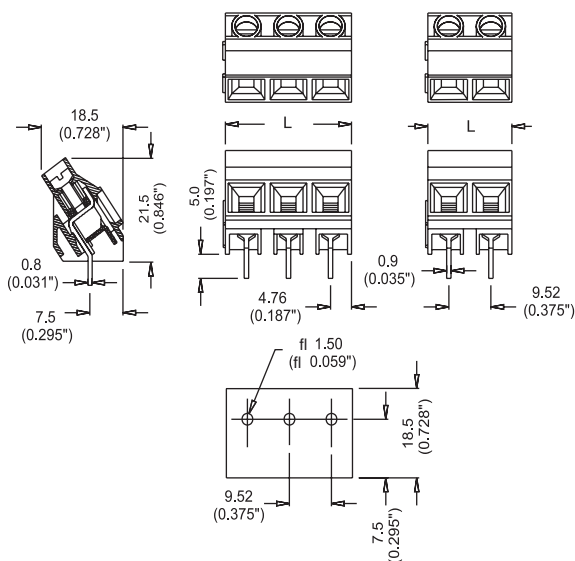
Agency Information: UL/CSA; CE Certified

EM290905

TABLE A

Poles	L (mm)	Poles	L (mm)
2	19.04	14	133.28
3	28.56	15	142.80
4	38.08	16	152.32
5	47.60	17	161.84
6	57.12	18	171.36
7	66.64	19	180.88
8	76.16	20	190.40
9	85.68	21	199.92
10	95.20	22	209.44
11	104.72	23	218.96
12	114.24	24	228.48
13	123.76		

To convert to inches, divide by 25.4



Euro-MAG Series
PCB - High Current

Part Numbering System

Series

EM2909

of Poles

02 24

02 to 24

EM2919 Series Euro-Mag Terminal Blocks

9.52 Centers; Modular

SPECIFICATIONS

Rating: 30A, 600V

Center Spacing: .375" (9.52)

Wire Range: #10-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Steel, Nickel Plated

Screw Size: M3.0 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

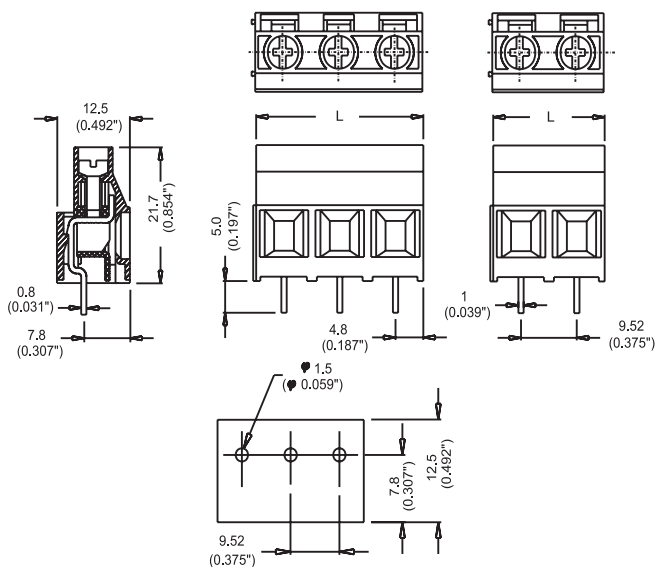


EM291905

TABLE A

Poles	L (mm)	Poles	L (mm)
2	19.04	14	133.28
3	28.56	15	142.80
4	38.08	16	152.32
5	47.60	17	161.84
6	57.12	18	171.36
7	66.64	19	180.88
8	76.16	20	190.40
9	85.68	21	199.92
10	95.20	22	209.44
11	104.72	23	218.96
12	114.24	24	228.48
13	123.76		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2919

02 to 24

EM2929 Series **Euro-Mag Terminal Blocks** Hi-Current; 10.16 Centers

SPECIFICATIONS

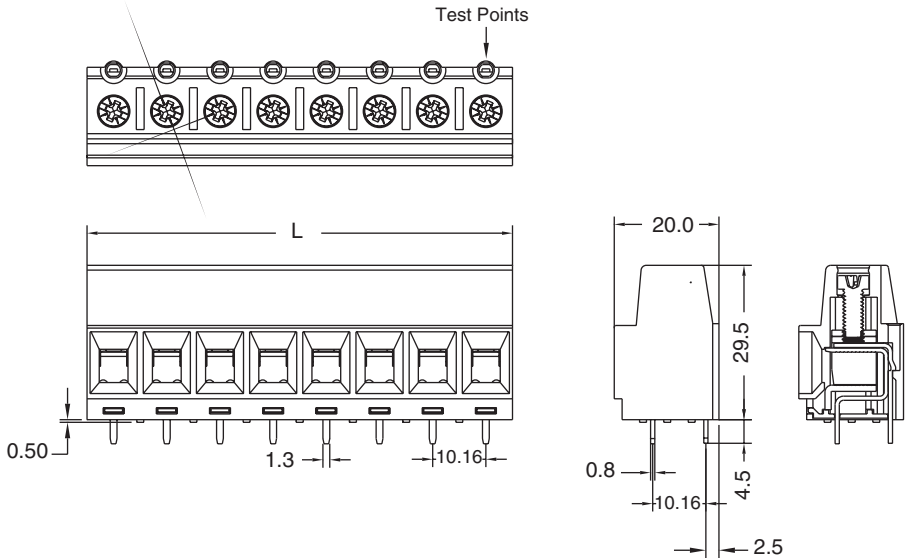
Rating: 65A, 600V
Center Spacing: .400" (10.16 mm)
Wire Range: #6-20 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Tin Plated Copper
Cage Clamp: Steel, Chromate Plated
Screw Size: M4 Stainless Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 15 in-lb.
Recommended PCB Hole Diameters: .055" (1.40)
Construction: Mold to length
Agency Information: UL/CSA; CE Certified

EM292908

TABLE A

Poles	L (mm)
2	20.34
3	30.50
4	40.66
5	50.82
6	60.98
7	71.14
8	81.30

To convert to inches, divide by 25.4



Part Numbering System

Series

EM2929

of Poles

02 to 08

EM2939 Series Euro-Mag Terminal Blocks

Hi-Current, 15.00 Centers

SPECIFICATIONS

Rating: 115A, 300V / 600V w/NC Option*

Center Spacing: .591" (15.00 mm)

Wire Range: #2-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Copper

Cage Clamp: Steel, Chromate Plated

Screw Size: M5 Stainless Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 15 in.-lb.

Recommended PCB Hole Diameters: .063" (1.60)

Construction: Mold to length

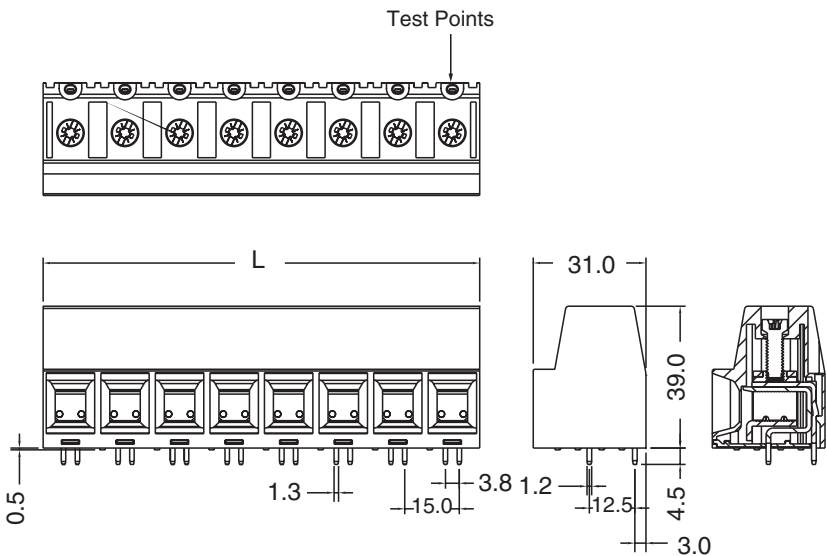
Agency Information: UL/CSA; CE Certified

EM293908

TABLE A

Poles	L (mm)
2	30.00
3	45.00
4	60.00
5	75.00
6	90.00
7	105.00
8	120.00

To convert to inches, divide by 25.4



Part Numbering System

Series

EM2939

of Poles

02 to 08

Bottom Cover

()

N C

*NC = No Bottom Cover

EM3905 Series Euro-Mag Terminal Blocks

High Current; Two Tier; 5.00 Centers; Modular

SPECIFICATIONS

Rating: 28A, 250V

Center Spacing: .197" (5.00)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

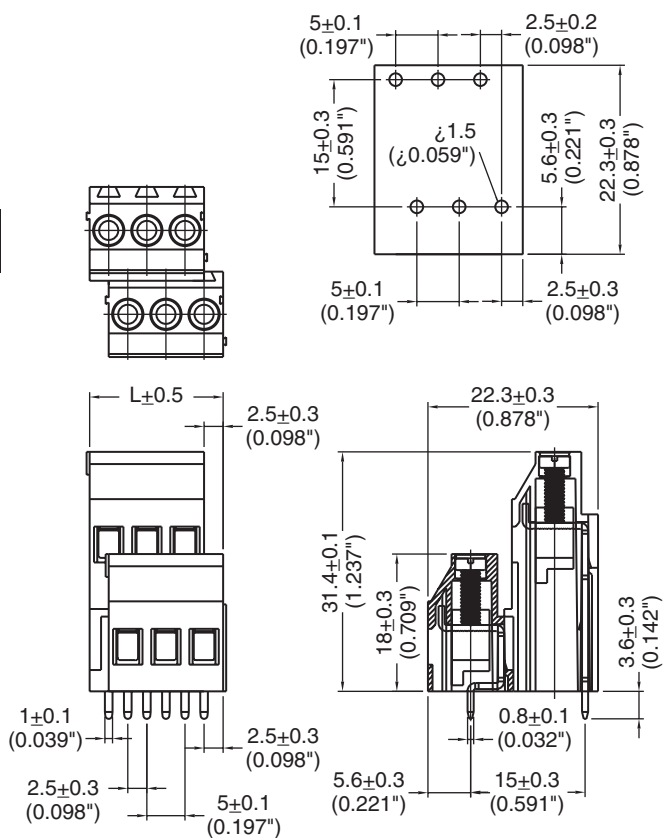
TABLE A

Poles	L (mm)	Poles	L (mm)
2	12.50	14	72.50
3	17.50	15	77.50
4	22.50	16	82.50
5	27.50	17	87.50
6	32.50	18	92.50
7	37.50	19	97.50
8	42.50	20	102.50
9	47.50	21	107.50
10	52.50	22	112.40
11	57.50	23	117.50
12	62.50	24	122.50
13	67.50		

To convert to inches, divide by 25.4

EM390508

EM390504



Part Numbering System

Series

of Poles

EM3905

02 24

02 to 24

EM3908 Series Euro-Mag Terminal Blocks

High Current; Two-Tier; 5.08 Centers; Modular

SPECIFICATIONS

Rating: 28A, 250V

Center Spacing: .200" (5.08)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.5 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA; CE Certified

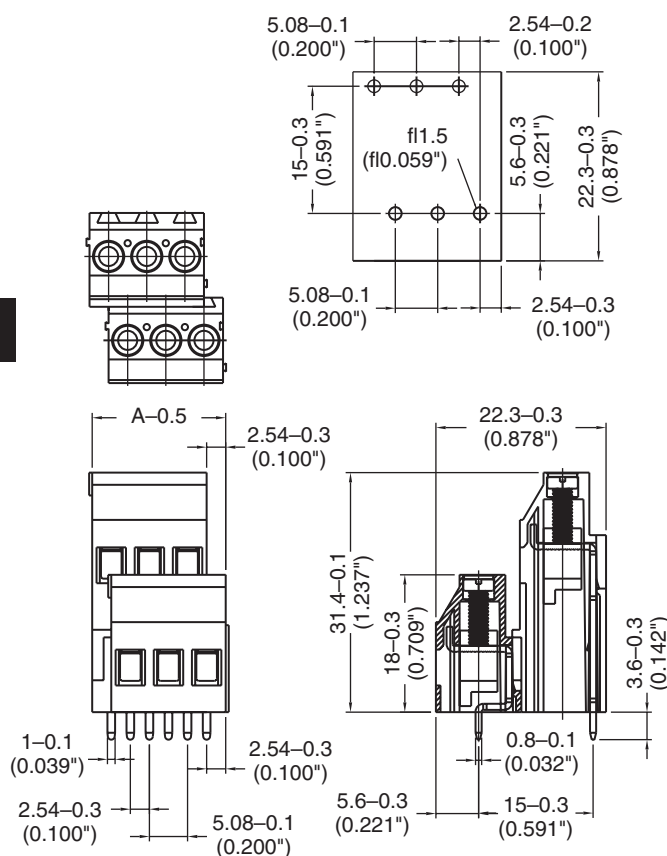
EM390808

EM390804

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.16	14	71.12
3	15.24	15	76.20
4	20.32	16	81.28
5	25.40	17	86.36
6	30.48	18	91.44
7	35.56	19	96.52
8	40.64	20	101.60
9	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM3908

02 to 24

EM2742 Series Euro-Mag Terminal Blocks

Screwless; 2.54 Centers

SPECIFICATIONS

Rating: 6A, 63V

EM274210H

Center Spacing: .100" (25.4)

Wire Range: #20-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Spring Material: Stainless Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)	Poles	L (mm)
2	8.08	10	30.94
3	10.62	11	33.48
4	13.16	12	36.02
5	15.70	13	38.56
6	18.24	14	41.10
7	20.78	15	43.64
8	23.32	16	46.18
9	25.86		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2742

of Poles

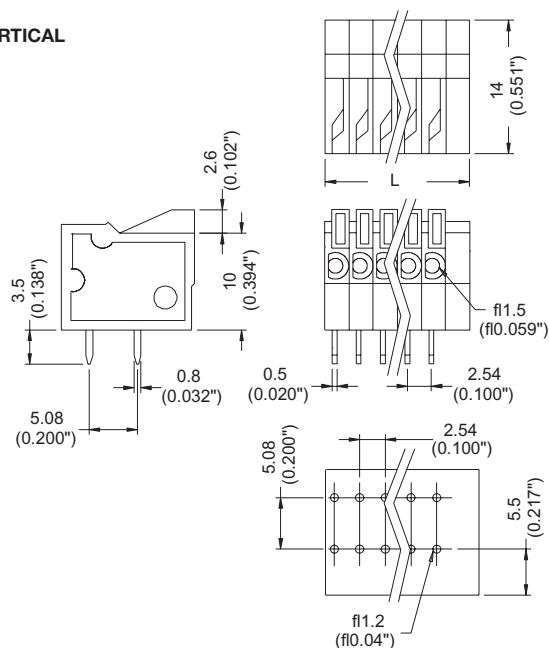
02 to 16

Orientation

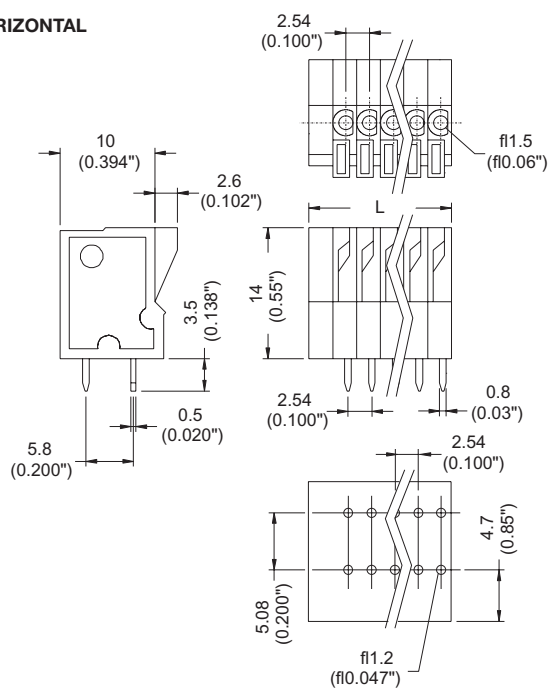
H - horizontal
V - vertical

EM274206V

VERTICAL



HORIZONTAL



EM2783 Series Euro-Mag Terminal Blocks

45° Entry; Screwless; 3.50 Centers

SPECIFICATIONS

Rating: 2A, 300V

Center Spacing: .136" (3.50)

Wire Range: #16-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Phos Bronze

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

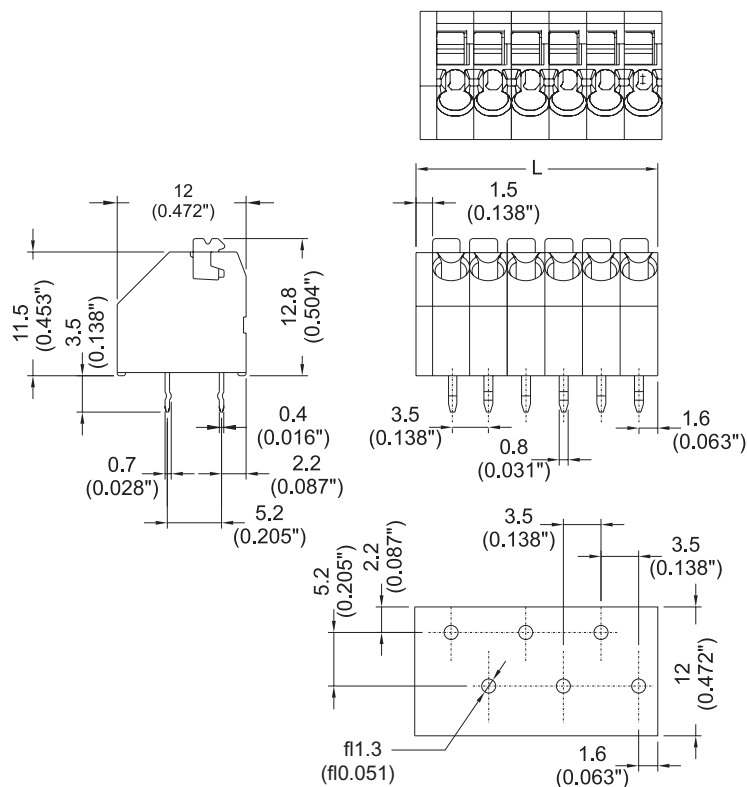


EM278305

TABLE A

Poles	L (mm)
2	8.50
4	15.50
6	22.50
8	29.50
10	36.50
12	43.50
14	50.50
16	57.50
18	64.50
20	71.50
22	78.50
24	92.50

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2783

02 to 24

EM2802 Series Euro-Mag Terminal Blocks

30° Entry; Screwless; 2.54 Centers

SPECIFICATIONS

Rating: 4A, 125V

Center Spacing: .100" (2.54 mm)

Wire Range: #20-24 AWG

Housing Material: Gray Polyamide Type 6/6, 94V0

Contact Material: Tin Plated Brass

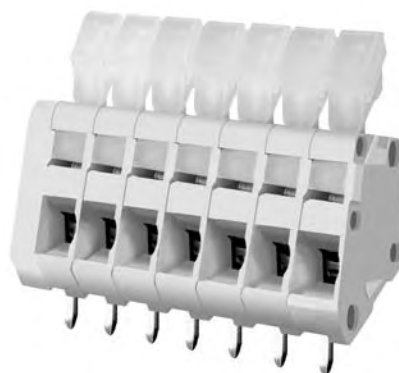
Spring Material: Stainless Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified



Em280207

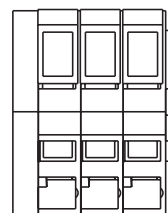
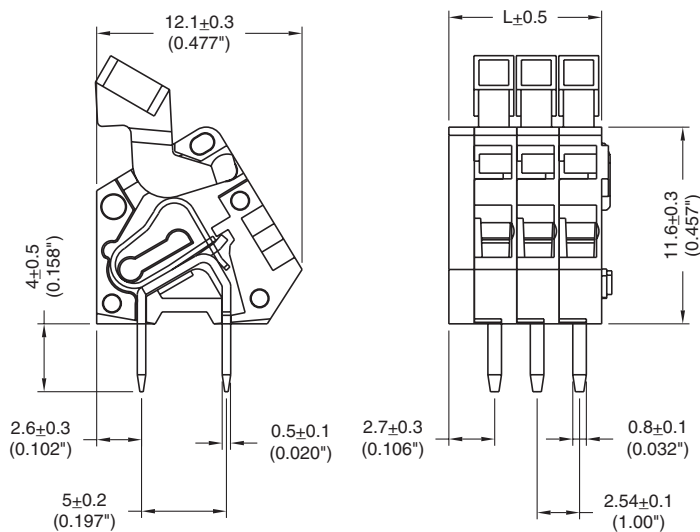


TABLE A

Poles	L (mm)
2	7.08
3	9.62
4	12.16
5	14.70
6	17.24
7	19.78
8	22.32
9	24.86
10	27.40
11	29.94
12	32.48

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2802

02 02

02 to 12

EM2785 Series Euro-Mag Terminal Blocks

45° Entry; Screwless; Modular; 5.00 Centers

SPECIFICATIONS

Rating: 7A, 300V

Center Spacing: .197" (5.00)

Wire Range: #16-22 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Spring Material: Stainless Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

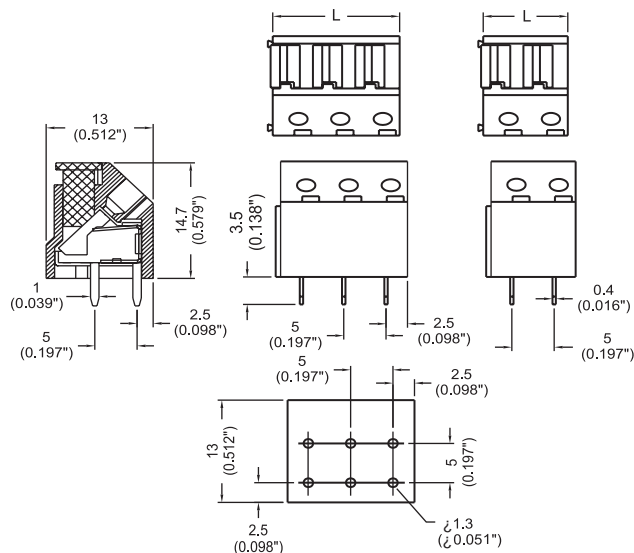
Agency Information: UL/CSA Pending; CE Certified

EM278505

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2785

02 03

02 to 24

EM2778 Series Euro-Mag Terminal Blocks

Screwless, Modular, 5.08 Centers

SPECIFICATIONS

Rating: 10A, 250V

Center Spacing: .200" (5.08)

Wire Size: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

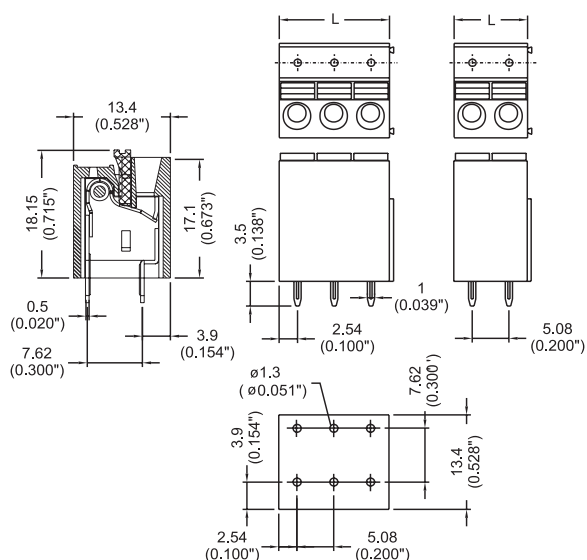
Agency Information: UL/CSA Pending; CE Certified

EM277805

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.16	14	71.12
3	15.24	15	76.20
4	20.32	16	81.28
5	25.40	17	86.36
6	30.48	18	91.44
7	35.56	19	96.52
8	40.64	20	101.16
9	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2778

02 03

02 to 24

EM2795 Series Euro-Mag Terminal Blocks

Screwless; 5.08 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .200" (5.08)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

TABLE A

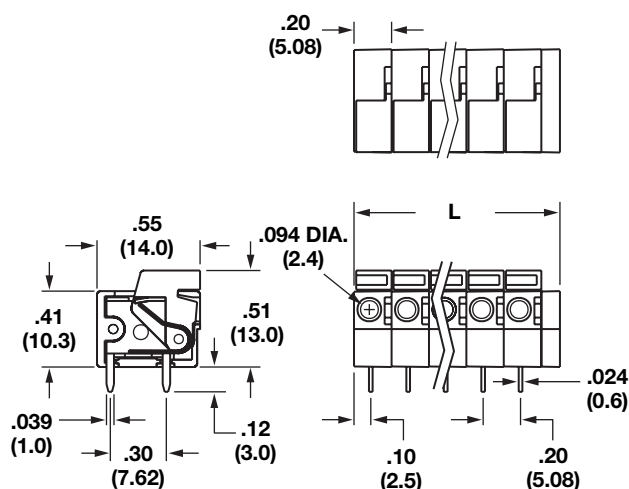
Poles	L (mm)	Poles	L (mm)
2	12.70	10	68.58
3	17.78	11	73.66
4	22.86	12	78.74
5	27.94	13	83.82
6	33.02	14	88.90
7	38.10	15	93.98
8	43.18	16	99.06
9	48.26		

To convert to inches, divide by 25.4

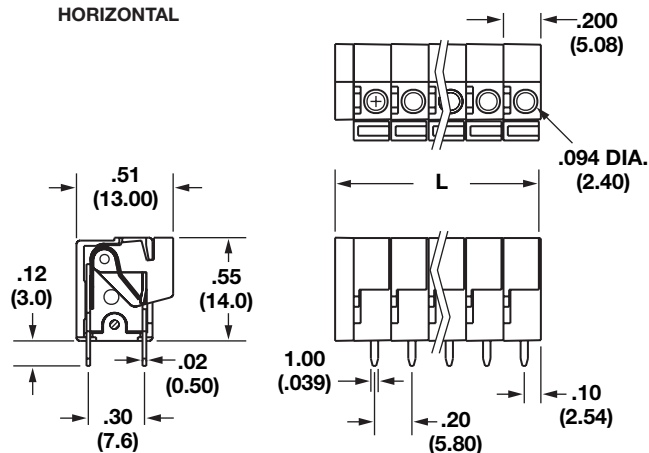
EM279507H

EM279502V

VERTICAL



HORIZONTAL



Part Numbering System

Series

EM2795

of Positions

02 to 16

Orientation

H - horizontal
V - vertical

EM2796 Series Euro-Mag Terminal Blocks

Screwless; 7.62 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .300" (7.62)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Mold to Length

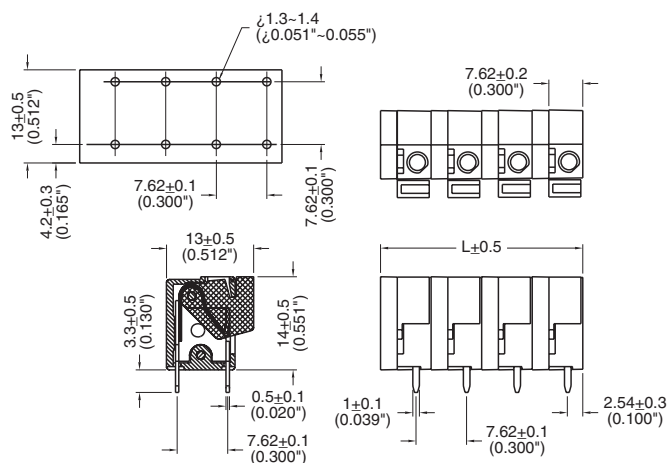
Agency Information: UL/CSA; CE Certified

EM279606V



EM279603H

VERTICAL



HORIZONTAL

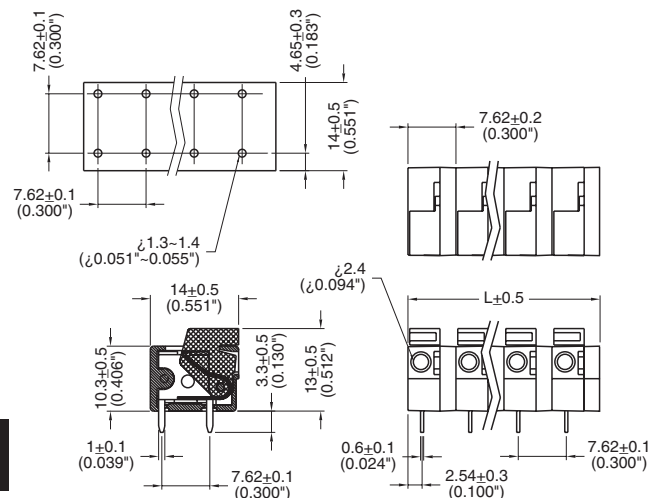


TABLE A

Poles	L (mm)	Poles	L (mm)
2	15.24	10	76.20
3	22.56	11	83.82
4	30.48	12	91.44
5	37.19	13	99.07
6	45.72	14	106.69
7	53.34	15	114.31
8	60.96	16	121.93
9	68.58		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2796

of Poles

02 to 16

Orientation

H - horizontal
V - vertical

EM2791 Series Euro-Mag Terminal Blocks

Screwless; 10.16 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .400" (10.16)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

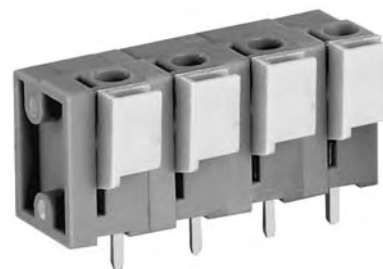
Contact Material: Tin Plated Brass

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

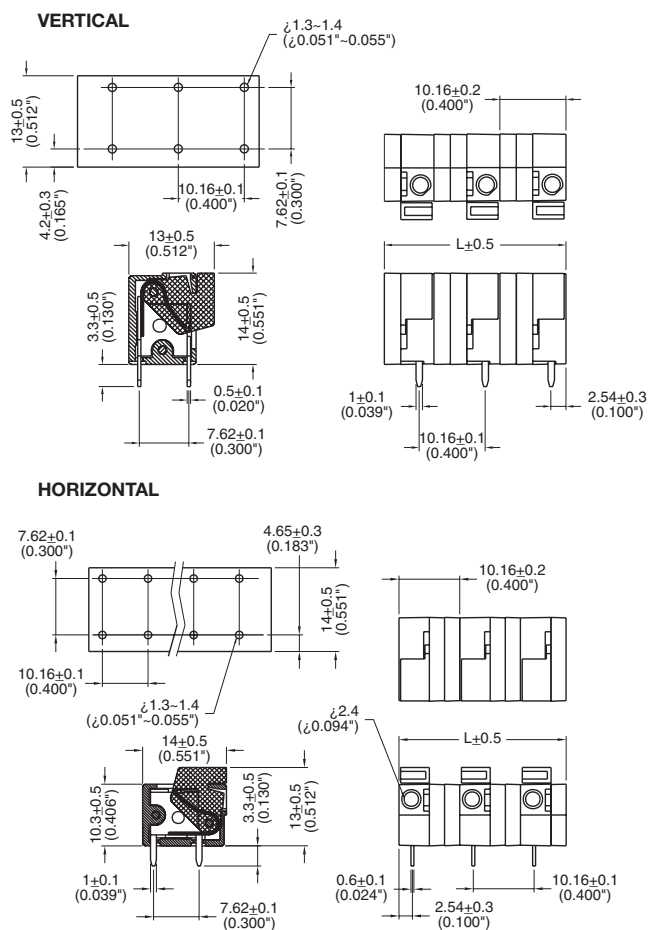


EM279104V

TABLE A

Poles	L (mm)	Poles	L (mm)
2	17.78	10	99.06
3	27.94	11	109.22
4	38.10	12	119.38
5	48.26	13	129.54
6	58.42	14	139.70
7	68.58	15	149.86
8	78.74	16	159.92
9	88.90		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

Orientation

EM2791

□□

□

02 to 16

H - horizontal
V - vertical

EM2816 Series Euro-Mag Terminal Blocks

60° Entry; Screwless; 7.62 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .300" (7.62 mm)

Wire Range: #16-22 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Spring Material: Stainless Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .051" (1.30)

Construction: Mold to Length

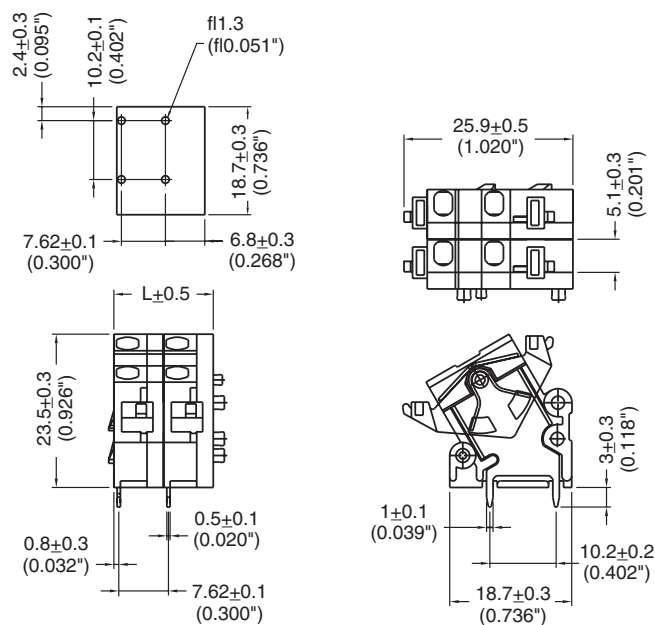
Agency Information: UL/CSA; CE Certified

EM281606

TABLE A

Poles	L (mm)
2	15.24
3	22.86
4	30.48
5	38.10
6	45.72
7	53.34
8	60.96
9	68.58
10	76.20
11	83.82
12	91.44

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2816

02 12

02 to 12

EM3533 Series
Euro-Mag Terminal Blocks

Pluggable Block (Mates with EM2221 Series);
3.50 Centers

SPECIFICATIONS

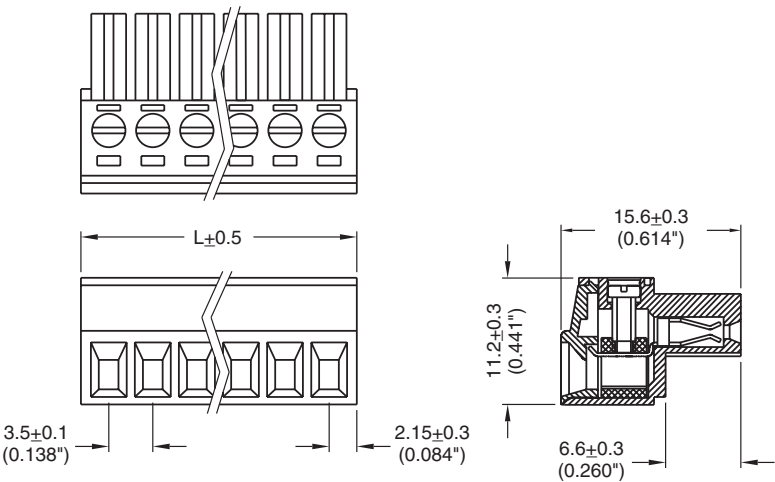
- Rating:** 8A, 300V
Center Spacing: .138" (3.50 mm)
Wire Range: #16-26 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass Tin Plated
Cage Clamp: Brass, Nickel Plated
Screw Size: M2.0 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 2.5 in.-lb.
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified

EM353308

TABLE A

Poles	L (mm)
2	7.80
3	11.30
4	14.80
5	18.30
6	21.80
7	25.30
8	28.80
9	32.30
10	35.80
11	39.30
12	42.80
13	46.30
14	49.80

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM3533

02 14

02 to 14

EM2221 Series Euro-Mag Terminal Blocks

Closed Header; (Mates with EM3553 Series);
3.50 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: .138" (3.50 mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)
2	7.60
3	11.10
4	14.60
5	18.10
6	21.60
7	25.10
8	28.60
9	32.10
10	35.60
11	39.10
12	42.60
13	42.10
14	49.60

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2221

of Poles

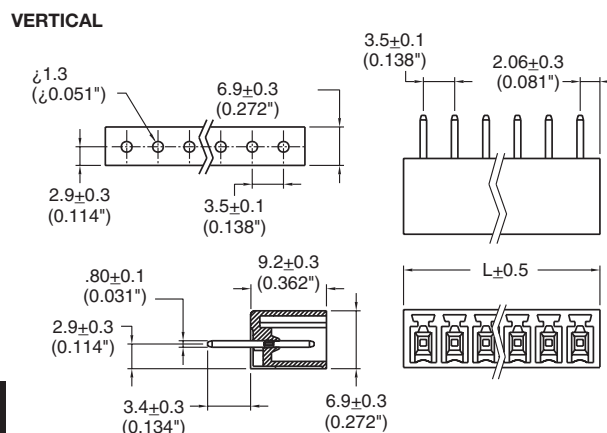
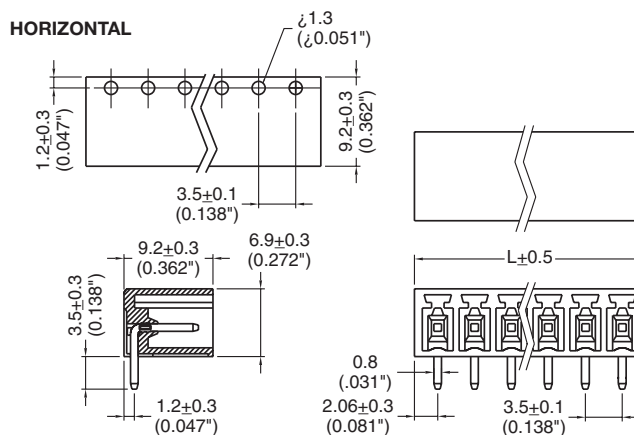
02 to 14

Orientation

H - horizontal
V - vertical

EM222112H

EM222108V



EM2413 Series
Euro-Mag Terminal Blocks

Pluggable Block with Flanges (Mates with EM2201 Series); 3.50 Centers

SPECIFICATIONS

- Rating:** 8A, 300V
Center Spacing: .138" (3.50 mm)
Wire Range: #16-26 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass Tin Plated
Cage Clamp: Brass, Nickel Plated
Screw Size: M2.0 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 2.5 in.-lb.
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified



EM241307

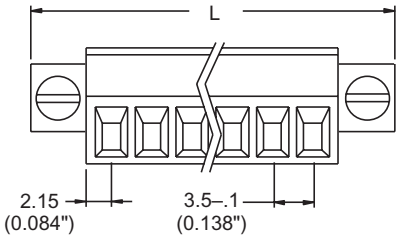
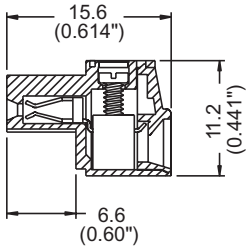
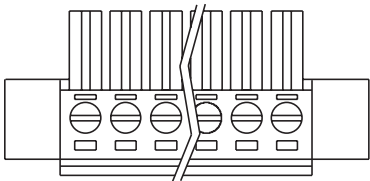


TABLE A

Poles	L (mm)
2	17.40
3	20.90
4	24.40
5	27.90
6	31.40
7	34.90
8	38.40
9	41.90
10	45.40
11	48.90
12	52.40

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2413

of Poles

02 12

02 to 12

EM2201 Series Euro-Mag Terminal Blocks

Header with Flanges (Mates with EM2413 Series); 3.50 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: .138" (3.50)

Housing Material: Green Polyamide Type 6/6, 94V0

Contact Material: Brass Tin Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)
2	17.40
3	20.90
4	24.40
5	27.90
6	31.40
7	34.90
8	38.40
9	41.30
10	45.40
11	48.90
12	52.40

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2201

of Poles

02 to 12

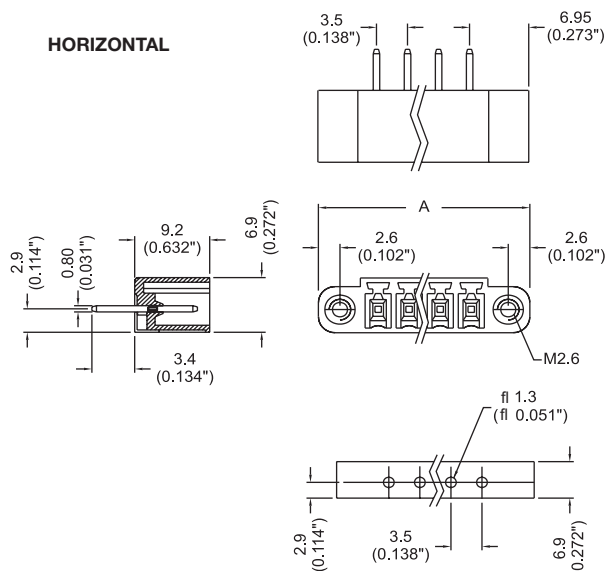
Orientation

H - horizontal
V - vertical

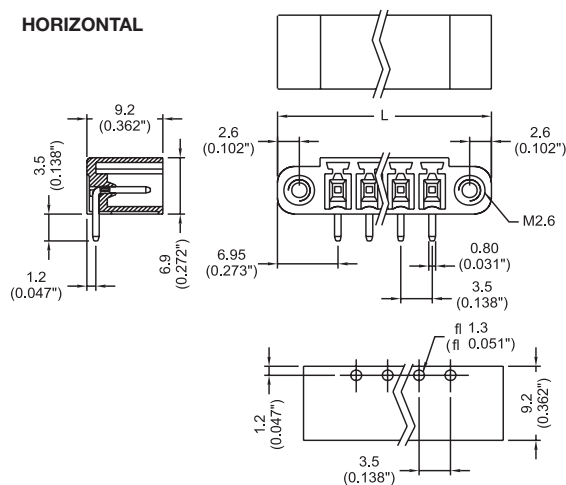
EM220110H

EM220109V

HORIZONTAL



HORIZONTAL



EM3553 Series Euro-Mag Terminal Blocks

(Mates with EM3593 Series);
3.81 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: .150" (3.81 mm)

Consult factory for .300" (7.62 mm)

Wire Range: #18-20 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Screw Size: M2x3 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 3.0 in.-lbs.

Construction: Mold to Length

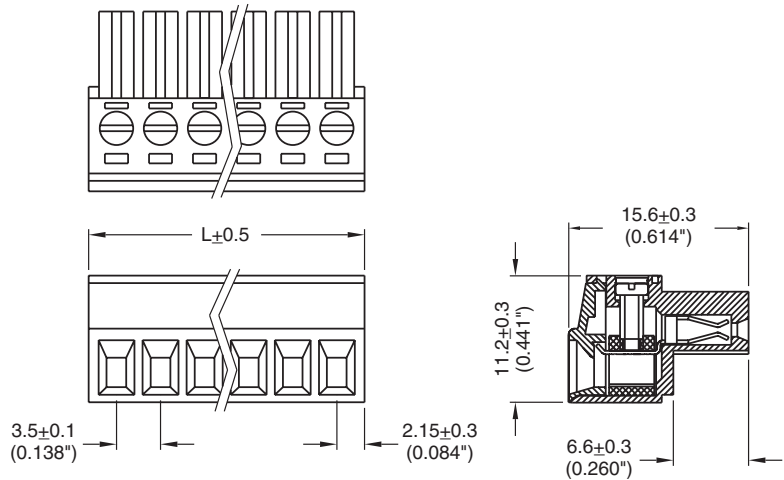
Agency Information: UL/CSA; CE Certified

EM355308

TABLE A

Position	L (mm)
02	7.90
03	11.71
04	15.52
05	19.33
06	23.14
07	26.95
08	30.76
09	34.57
10	38.38
11	42.19
12	46.00

To convert to inches, divide by 25.4



Part Numbering System

Series

of Positions

EM3553

□□

02 to 12

Mating Header: EM3593 pg. 93

EM3543 Series Euro-Mag Terminal Blocks

Pluggable Block (Mates with EM3593 Series);
3.81 Centers

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: .150" (3.81 mm)

Consult factory for .300" (7.62 mm)

Wire Range: #16-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.0 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C
(-40°F) min.

Torque Rating: 2.5 in.-lb.

Construction: Mold to Length

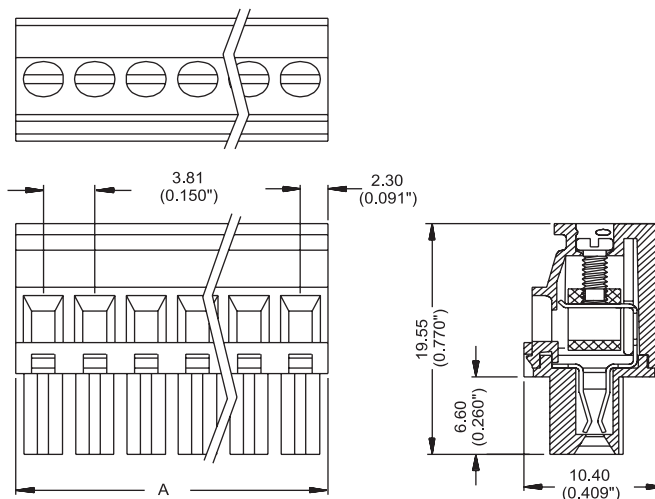
Agency Information: UL/CSA; CE Certified

EM354309

TABLE A

Poles	L (mm)
2	8.41
3	12.22
4	16.03
5	19.84
6	23.65
7	27.46
8	31.27
9	35.08
10	38.89
11	42.70
12	46.51

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM3543

02 12

02 to 12

Mating Header: EM3593 pg. 93

Series EM3583
Euro-Mag Terminal Blocks

IDC Pluggable Block
(Mates with EM3593 Series); 3.81 Centers

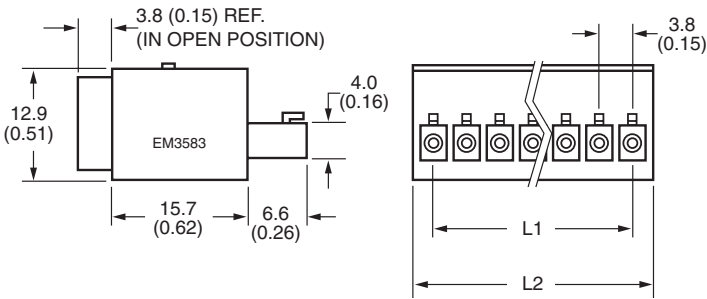
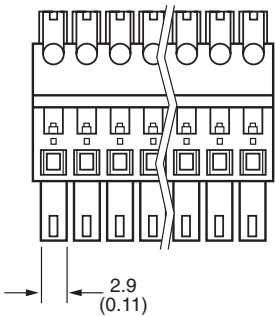
SPECIFICATIONS

Ratings: 6A, 160V
Center Spacing: .150" (3.81mm)
Wire Range: #22-20 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass, Tin Plated
Operating Temperature: 105°C (221°F) max., -49°C (-40°F) min.
Construction: Mold to length.
Agency Information: UL/CSA; CE Certified

* Consult factory for 5.00 & 5.08

EM358307

Position	L1 (mm)	L2 (mm)	Position	L1 (mm)	L2 (mm)
02	3.81	8.40	08	26.67	31.26
03	7.62	12.21	09	30.48	35.07
04	11.43	16.02	10	34.29	38.88
05	15.24	19.83	11	38.10	42.69
06	19.05	23.64	12	41.91	46.50
07	22.86	27.45			



Part Numbering System

Inches (Millimeters)

Series

E **M** **3** **5** **8** **3**

of Positions

02 to 12

Mating Header: EM3593 pg. 93

Series EM3593 Euro-Mag Terminal Blocks

Header (Mates with EM3553 Series); 3.81 Centers

EM359312HC

SPECIFICATIONS

Ratings: 6A, 160V

Center Spacing: .150" (3.81mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass, Tin Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: 0.51" (1.30mm)

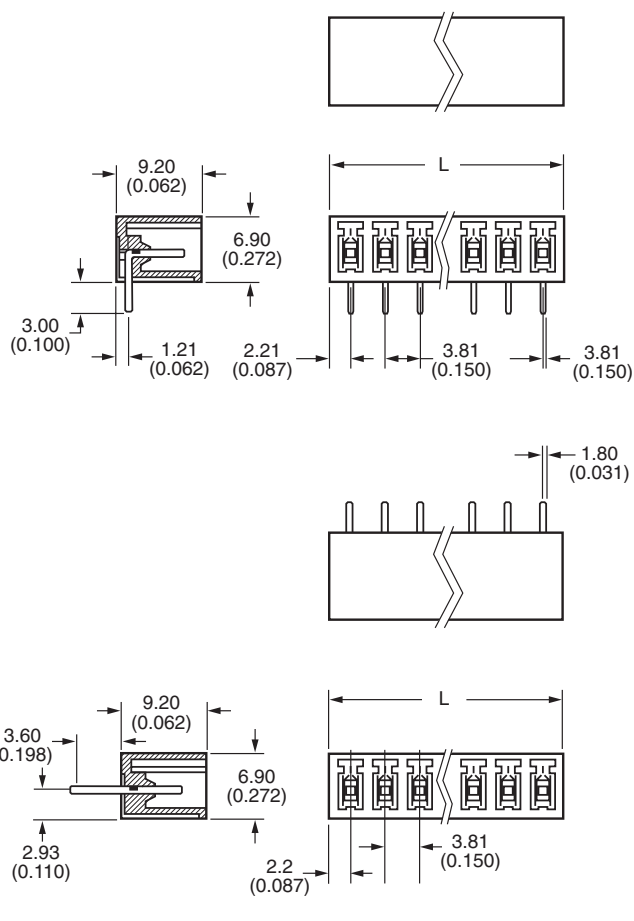
Construction: Mold to length.

Agency information: UL/CSA; CE Certified

Position	L (mm)	Position	L (mm)
02	8.23	08	31.09
03	12.04	09	34.90
04	15.85	10	38.71
05	19.66	11	42.52
06	23.47	12	46.33
07	27.28		

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

EM359308VC



Part Numbering System

Inches (Millimeters)

Series

EM3593

of Positions

02 to 12

Orientation

H - Horizontal
V - Vertical

Side Base

C - Closed

Mating Plugs: EM3553 pg. 90
EM3543 pg. 91
EM3583 pg. 92

EM2423 Series
Euro-Mag Terminal Blocks

Pluggable Block with Flanges (Mates with EM2211 Series); 3.81 Centers

SPECIFICATIONS

- Rating:** 8A, 300V
Center Spacing: .150" (3.81 mm)
Wire Range: #16-26 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass Tin Plated
Cage Clamp: Brass, Nickel Plated
Screw Size: M2.0 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 2.5 in.-lb.
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified



EM242307

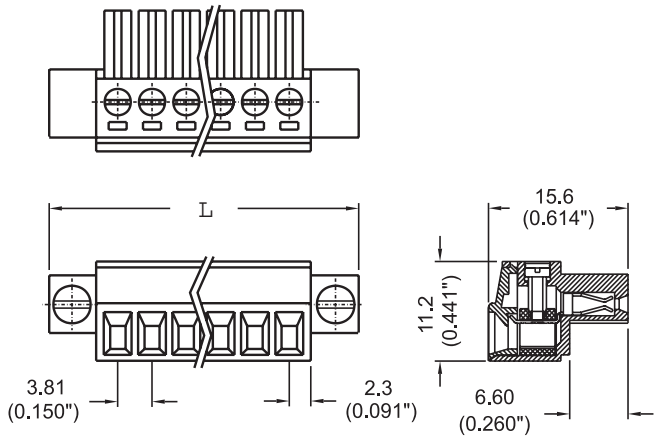


TABLE A

Poles	L (mm)
2	17.91
3	21.72
4	25.53
5	29.34
6	33.15
7	36.96
8	40.77
9	44.58
10	48.39
11	52.20
12	56.01

To convert to inches, divide by 25.4

Part Numbering System

Series

E **M** **2** **4** **2** **3**

of Poles

02 to 12

Mating Header: EM2211 pg. 96

EM2443 Series **Euro-Mag Terminal Blocks**

Pluggable Block with Flanges (Mates with EM2211 Series); 3.81 Centers

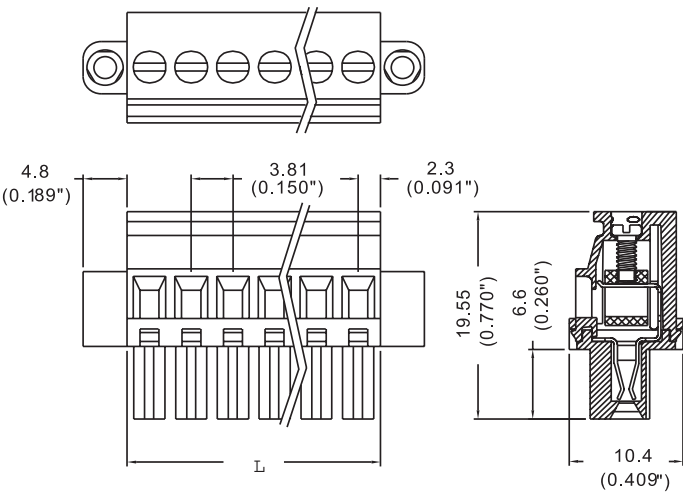
SPECIFICATIONS

Rating: 10A, 300V
Center Spacing: .150" (3.81 mm)
 Consult factory for .300" (7.62 mm)
Wire Range: #16-24 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass Tin Plated
Cage Clamp: Brass, Nickel Plated
Screw Size: M2.0 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 2.5 in.-lb.
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)
2	7.90
3	11.71
4	15.52
5	19.33
6	23.14
7	26.95
8	30.76
9	34.57
10	38.38
11	42.19
12	46.00

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

E **M** **2** **4** **4** **3**

02 to 12

Mating Header: EM2211 pg. 96

EM2211 Series Euro-Mag Terminal Blocks

Header with Flanges (Mates with EM2423,
EM2443 Series); 3.81 Centers

EM221106H

SPECIFICATIONS

Rating: 8A, 300V

Center Spacing: .150" (3.81 mm)

Consult factory for .300" (7.62 mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

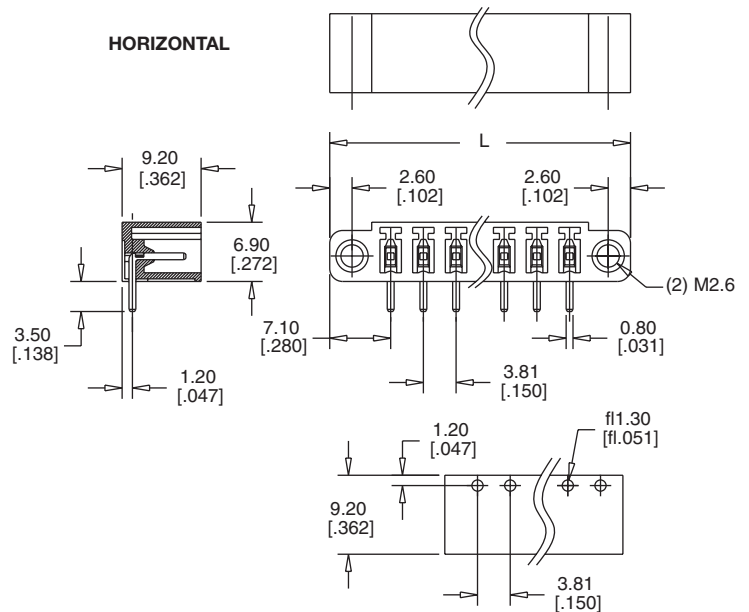
TABLE A

Poles	L (mm)
2	18.02
3	21.83
4	25.64
5	29.45
6	33.26
7	37.07
8	40.88
9	44.69
10	48.50
11	52.31
12	56.12
14	63.74

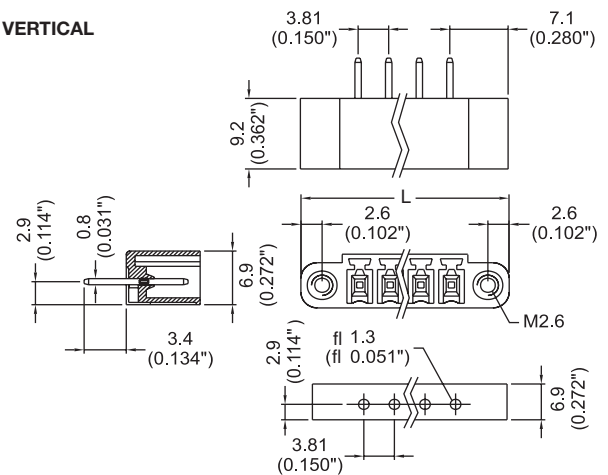
To convert to inches, divide by 25.4

EM221109V

HORIZONTAL



VERTICAL



Part Numbering System

Series

EM2211

of Poles

02 to 14

Orientation

H - horizontal
V - vertical

Mating Plugs: EM2423 pg. 94
EM2443 pg. 95

EM2525 Series Euro-Mag Terminal Blocks

Pluggable Block (Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .197" (5.00 mm)

Consult factory for .394" (10.00 mm)

Wire Range: #12-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Screw Size: M3x5 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 7 in.-lb.

Construction: Mold to Length

Connector Style: Rising Cage Clamp

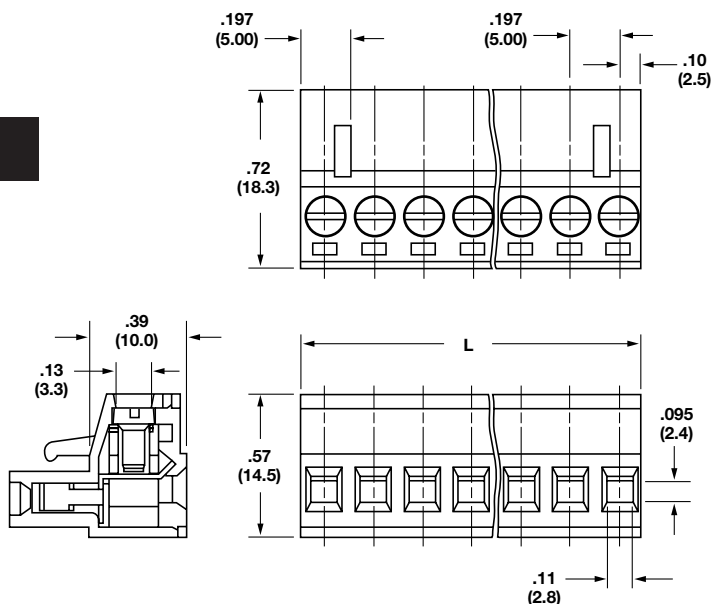
Agency Information: UL/CSA; CE Certified

EM252503

TABLE A

Position	L (mm)	Position	L (mm)
02	10.00	14	70.00
03	15.00	15	75.00
04	20.00	16	80.00
05	25.00	17	85.00
06	30.00	18	90.00
07	35.00	19	95.00
08	40.00	20	100.00
09	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Positions

EM2525

□□

02 to 24

Mating Header: EM2535 pg. 100

EM2485 Series
Euro-Mag Terminal Blocks

Pluggable Block with Cover
(Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS

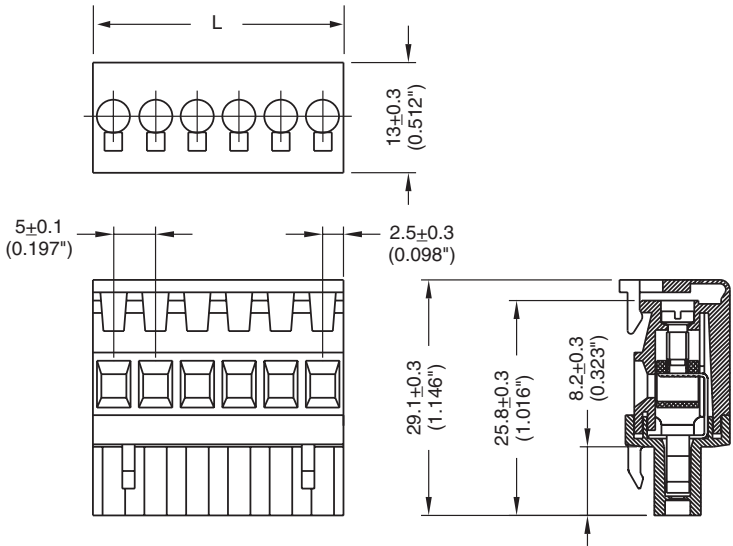
Rating: 16A, 300V
Center Spacing: .197" (5.00)
Wire Range: #14-24 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Tin Plated Phos Bronze
Cage Clamp: Brass, Nickel Plated
Screw Size: M2.6 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 4.5 in.-lb.
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified

EM248506

TABLE A

Poles	L (mm)
2	10.00
3	15.00
4	20.00
5	25.00
6	30.00
7	35.00
8	40.00

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM2485

02 08

02 - 08

Mating Header: EM2535 pg. 100

EM3105 Series
Euro-Mag Terminal Blocks

Pluggable Block; Top Entry
(Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS

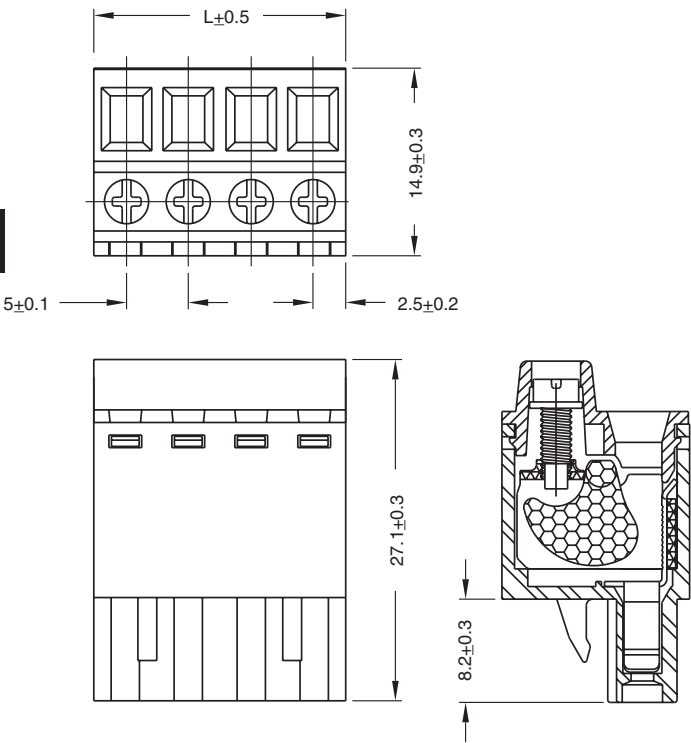
- Rating: 16A, 300V
- Center Spacing: .197" (5.00)
- Wire Range: #14-24 AWG
- Housing Material: UL rated 94V0 Thermoplastic
- Contact Material: Tin Plated Phos Bronze
- Cage Clamp: Brass, Nickel Plated
- Screw Size: M2.6 Nickel Plated Steel
- Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
- Torque Rating: 4.5 in-lb.
- Construction: Mold to Length
- Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	8	40.00
3	15.00	9	45.00
4	20.00	10	50.00
5	25.00	11	55.00
6	30.00	12	60.00
7	35.00		

To convert to inches, divide by 25.4

EM310508



Euro-MAG Series
Pluggable

Part Numbering System

Series

EM3105

of Poles

02

to 12

Mating Header: EM2535 pg 100

EM2535 Series Euro-Mag Terminal Blocks

Header (Mates with EM2525, EM2485 & EM3105 Series); 5.00 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .197" (5.00 mm)

Consult factory for .394" (10.00 mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

TABLE A

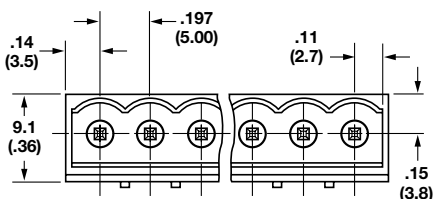
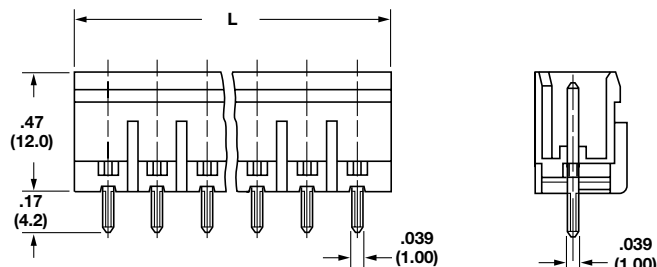
Position	Open L (mm)	Closed L (mm)	Position	Open L (mm)	Closed L (mm)
02	10.00	12.00	14	70.00	72.00
03	15.00	17.00	15	75.00	77.00
04	20.00	22.00	16	80.00	82.00
05	25.00	27.00	17	85.00	87.00
06	30.00	32.00	18	90.00	92.00
07	35.00	37.00	19	95.00	97.00
08	40.00	42.00	20	100.00	102.00
09	45.00	47.00	21	105.00	107.00
10	50.00	52.00	22	110.00	112.00
11	55.00	57.00	23	115.00	117.00
12	60.00	62.00	24	120.00	122.00
13	65.00	67.00			

To convert to inches, divide by 25.4

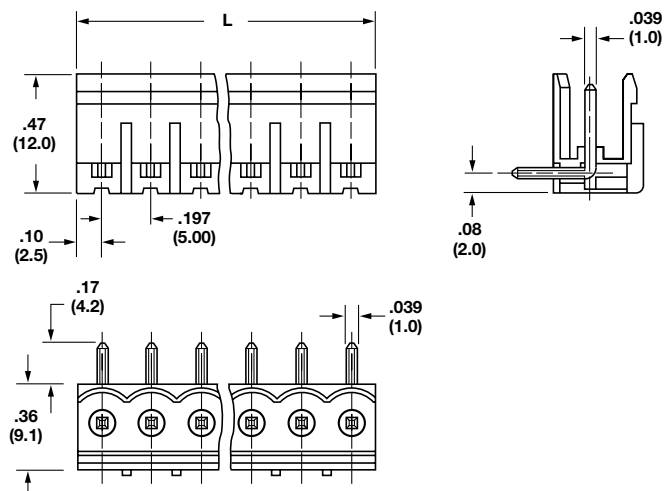
EM253505VC

EM253508HO

VERTICAL - CLOSED



HORIZONTAL - OPEN



Part Numbering System

Series

EM2535

of Positions

02 to 24

Orientations

H - horizontal
V - vertical

Side Base

O - open
C - closed

Mating Plugs: EM2525 pg. 97
EM2485 pg. 98
EM3105 pg. 99

EM2565 Series Euro-Mag Terminal Blocks

Pluggable Block (Mates with EM2575 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .200" (5.08 mm)

Consult factory for .400" (10.16 mm)

Wire Range: #12-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Screw Size: M3x5 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 7 in.-lb.

Construction: Mold to Length

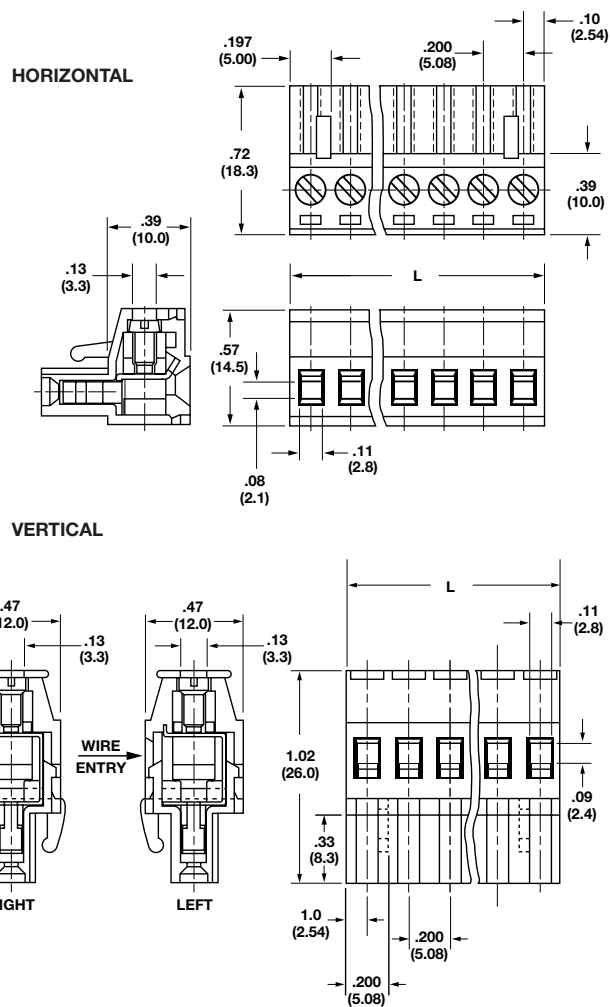
Agency Information: UL/CSA; CE Certified

TABLE A

Position	L (mm)	Position	L (mm)
02	10.16	14	71.12
03	15.24	15	76.20
04	20.32	16	81.28
05	25.40	17	86.36
06	30.48	18	91.44
07	35.56	19	96.52
08	40.64	20	101.60
09	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4

EM25603VR



Part Numbering System

Series	# of Positions	Orientation	Wire Entry (Vertical Orientation Only)	Mating Header: EM2575 pg. 104
EM2565				
	02 to 24	H - horizontal V - vertical	L - left R - right	

EM2488 Series Euro-Mag Terminal Blocks

Pluggable Block (Mates with EM2575 Series); 5.08 Centers with Cover

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .200" (5.08)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.5 in.-lb.

Construction: Mold to Length

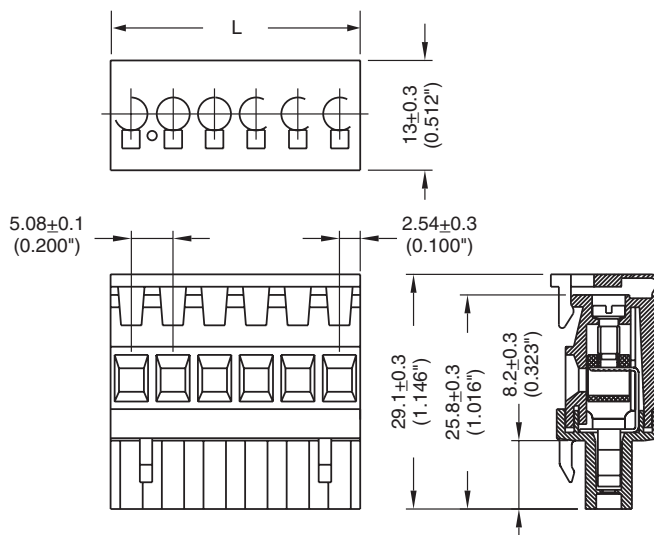
Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)
2	10.16
3	15.24
4	20.32
5	25.40
6	30.48
7	35.56
8	40.64

To convert to inches, divide by 25.4

EM248806



Part Numbering System

Series

of Poles

EM2488

02 08

02 to 08

Mating Header: EM2575 pg. 104

EM3108 Series Euro-Mag Terminal Blocks

Pluggable Block; Front Entry (Mates with EM2575 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .200" (5.08 mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Cage Clamp: Brass, Nickel Plated

Screw Size: M2.6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.5 in-lb.

Construction: Mold to Length

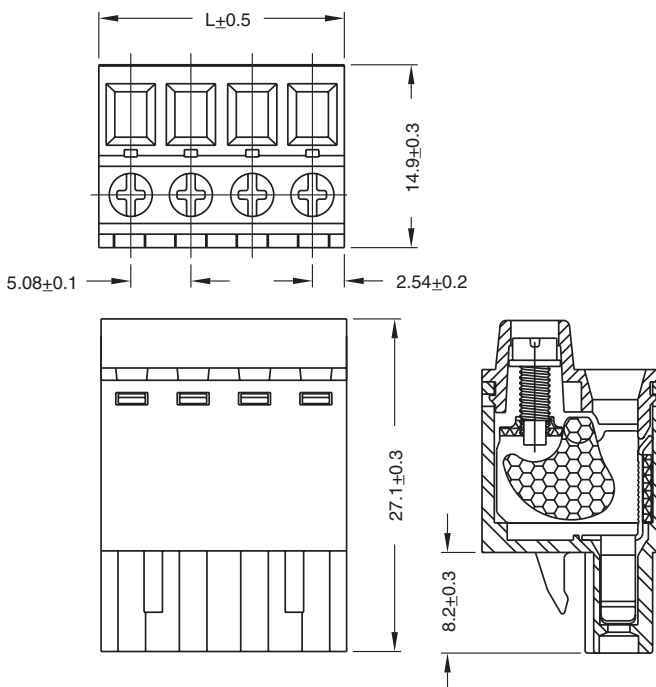
Agency Information: UL/CSA; CE Certified

EM310808

TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.16	14	71.12
3	15.24	15	76.20
4	20.32	16	81.28
5	25.40	17	86.36
6	30.48	18	91.44
7	35.45	19	96.52
8	40.64	20	101.60
9	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM3108

02 24

02 to 24

Mating Header: EM2575 pg. 104

EM257512HC

EM2575 Series Euro-Mag Terminal Blocks

Header (Mates with EM2565, EM2488, EM3108 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .200" (5.08 mm)

Consult factory for .400" (10.16 mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

EM257506HO

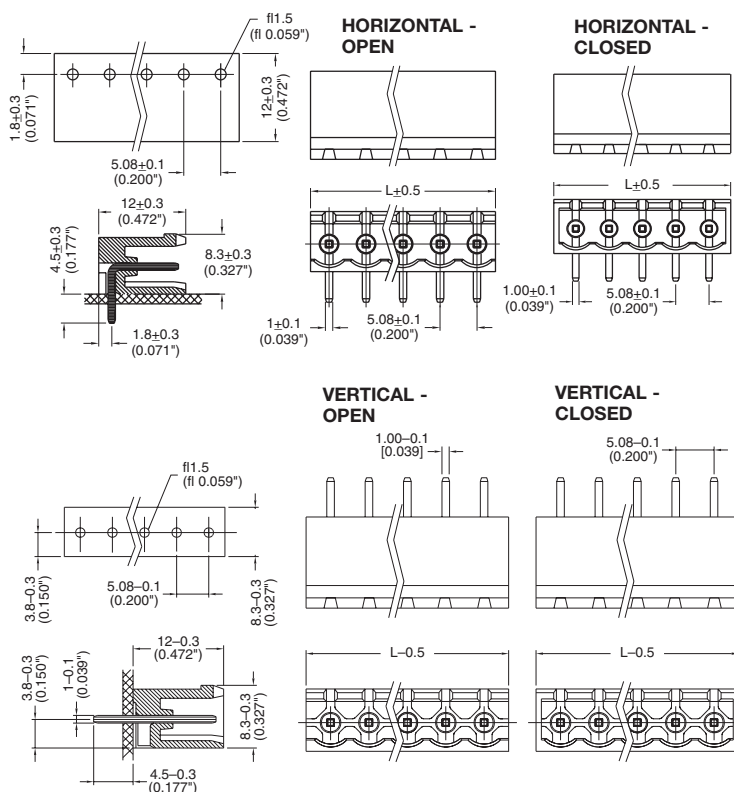
EM257512VC

TABLE A

Poles	Open L (mm)	Closed L (mm)	Poles	Open L (mm)	Closed L (mm)
2	10.16	12.08	14	71.12	73.04
3	15.24	17.16	15	76.20	78.12
4	20.32	22.24	16	81.28	83.20
5	25.40	27.32	17	86.36	88.28
6	30.48	32.40	18	91.44	93.36
7	35.56	37.48	19	96.52	98.44
8	40.64	42.66	20	101.60	103.52
9	45.72	47.64	21	106.68	105.60
10	50.80	52.72	22	111.76	113.68
11	55.88	57.80	23	116.84	118.76
12	60.96	62.88	24	121.92	123.84
13	66.04	67.96			

To convert to inches, divide by 25.4

EM257506VO



Part Numbering System

Series

EM2575

of Poles

□□

02 to 24

Orientation

□

H - horizontal
V - vertical

Side Base

□

O - open
C - closed

Mating Plugs: EM2565 pg. 101
EM2488 pg. 102
EM3108 pg. 103

Series EM2115 Series

Pluggable Terminal Block with Flanges;
(Mates with EM2215 Series);5.00 Centers

SPECIFICATIONS:

Rating: 16A, 300V

Center Spacing: .197" (5.00mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Phosphor Bronze

Screw Size: M2x6 Nickel Plated Steel

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

Torque Rating: 4.5 in-lb.

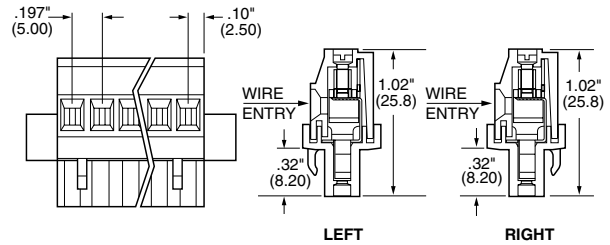
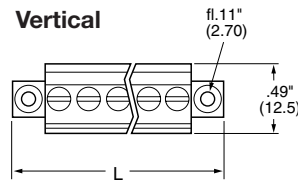
Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

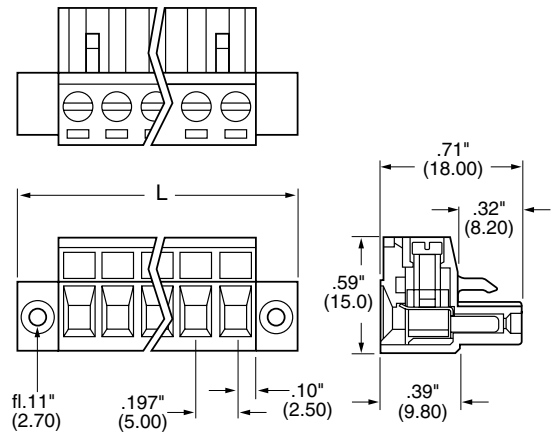
Poles	A (mm)	A (Inch)	Poles	A (mm)	A (Inch)
2	20.00	0.787	13	75.00	2.952
3	25.00	0.984	14	80.00	3.149
4	30.00	1.181	15	85.00	3.346
5	35.00	1.378	16	90.00	3.543
6	40.00	1.575	17	95.00	3.740
7	45.00	1.772	18	100.00	3.937
8	50.00	1.969	19	105.00	4.133
9	55.00	2.165	20	110.00	4.330
10	60.00	2.362	21	115.00	4.527
11	65.00	2.559	22	120.00	4.724
12	70.00	2.756			

EM211514VL

Vertical



Horizontal



Part Numbering System

Inches (Millimeters)

Series

EM2115

of Poles

02 to 22

Orientation

V - Vertical
H - Horizontal

Wire Entry

L - Left wire entry
R - Right wire entry
(specify for V orientation)

Mating Header: EM2215 pg. 107

EM3115 Series
Euro-Mag Terminal Blocks

Pluggable Block; Top Entry (Mates with EM2215 Series); 5.00 Centers

SPECIFICATIONS

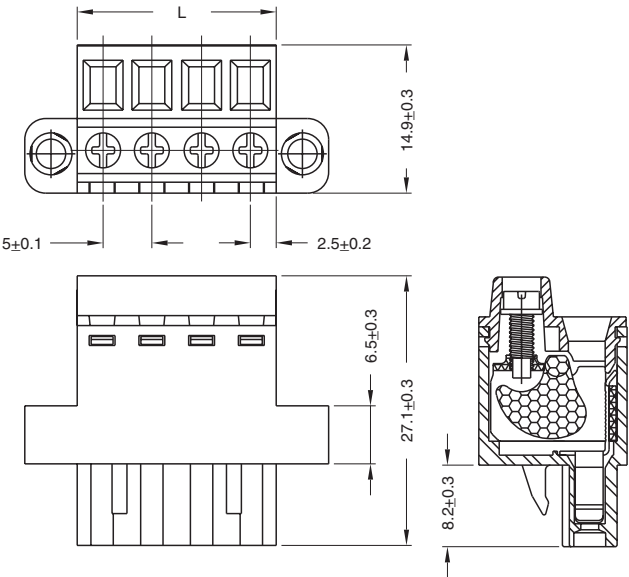
Rating: 16A, 300V
Center Spacing: .197" (5.00 mm)
Wire Range: #14-24 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass Tin Plated
Cage Clamp: Brass, Nickel Plated
Screw Size: M2.6 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 4.5 in.-lb.
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)	Poles	L (mm)
2	20.00	14	80.00
3	25.00	15	85.00
4	30.00	16	90.00
5	35.00	17	95.00
6	40.00	18	100.00
7	45.00	19	105.00
8	50.00	20	110.00
9	55.00	21	115.00
10	60.00	22	120.00
11	65.00	23	125.00
12	70.00	24	130.00
13	75.00		

To convert to inches, divide by 25.4

EM311503



Part Numbering System

Series

EM3115

of Poles

02 22

Mating Header: EM2215 pg. 107

Series EM2215

Header with Flanges; (Mates with EM2115, EM3115 Series); 5.00 Centers

SPECIFICATIONS:

Rating: 16A, 300V

Center Spacing: .197" (5.00mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

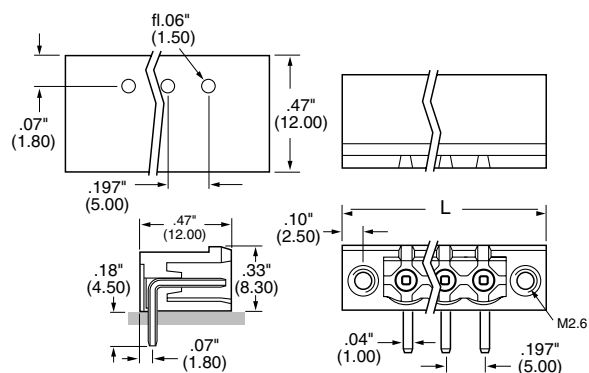
Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

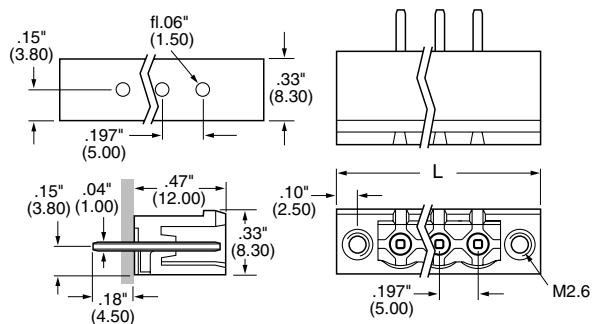
Poles	A (mm)	A (Inch)	Poles	A (mm)	A (Inch)
2	10.00	0.393	13	65.00	2.559
3	15.00	0.590	14	75.00	2.953
4	20.00	0.787	15	80.00	3.150
5	25.00	0.984	16	85.00	3.346
6	30.00	1.181	17	90.00	3.543
7	35.00	1.378	18	95.00	3.740
8	40.00	1.575	19	100.00	3.937
9	45.00	1.772	20	105.00	4.133
10	50.00	1.969	21	110.00	4.331
11	55.00	2.165	22	115.00	4.528
12	60.00	2.362			

EM221503V

Horizontal



Vertical



Part Numbering System

Inches (Millimeters)

Series

EM2215

of Poles

02 to 22

Orientation

H - Horizontal
V - Vertical

Mating Plugs: EM2115 pg. 105
EM3115 pg. 106

Series EM2118 Series

Pluggable Terminal Block with Flanges;
(Mates with EM2218 Series); 5.08 Centers

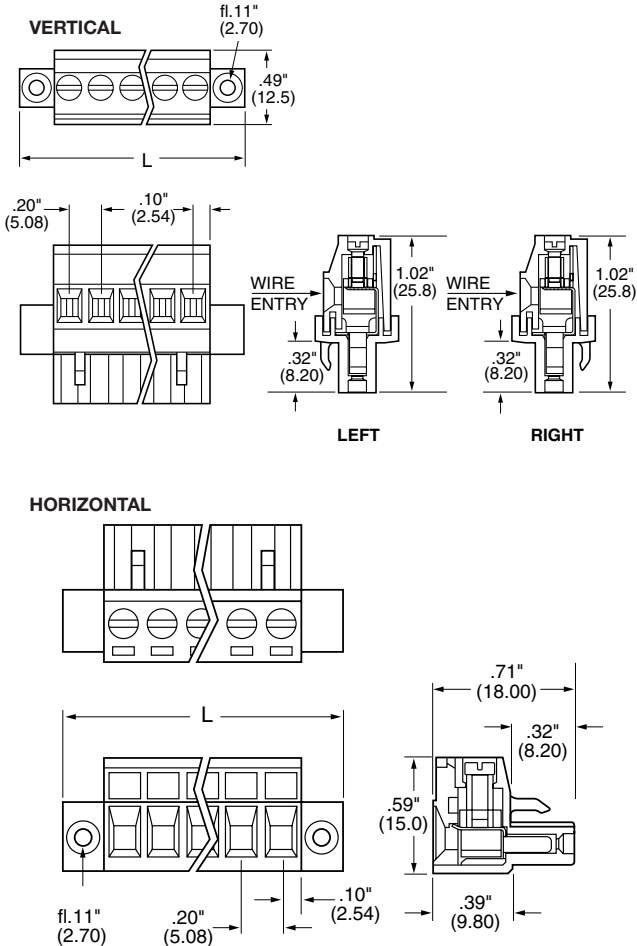
SPECIFICATIONS:

Rating: 16A, 300V
Center Spacing: .200" (5.08mm)
Wire Range: #14-24 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Tin Plated Phosphor Bronze
Screw Size: M 3x0 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.
Torque Rating: 4.5 in-lb.
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified

EM211803H

EM211814VL

Poles	A (mm)	A (Inch)	Poles	A (mm)	A (Inch)
2	20.32	0.800	13	76.20	3.000
3	25.40	1.000	14	81.28	3.200
4	30.48	1.200	15	86.36	3.400
5	35.56	1.400	16	91.44	3.600
6	40.64	1.600	17	96.52	3.800
7	45.72	1.800	18	101.60	4.000
8	50.80	2.000	19	106.68	4.200
9	55.88	2.200	20	111.76	4.400
10	60.96	2.400	21	116.84	4.600
11	66.04	2.600	22	121.92	4.800
12	71.12	2.800			



Part Numbering System

Inches (Millimeters)

Series

EM2118

of Positions

02 to 22

Orientation

V - Vertical
H - Horizontal

Mating Header: EM2218 pg. 110

EM3118 Series **Euro-Mag Terminal Blocks**

Pluggable Block, Top Entry (Mates with EM2218 Series); 5.08 Centers

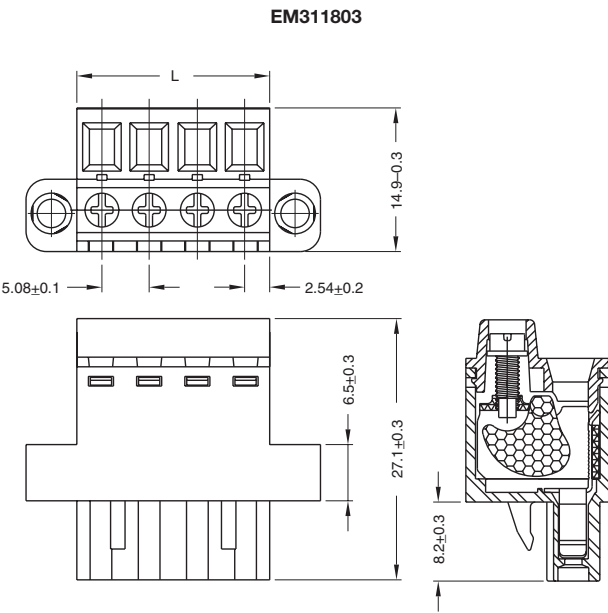
SPECIFICATIONS

Rating: 16A, 300V
Center Spacing: .200" (5.08 mm)
Wire Range: #14-24 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Brass Tin Plated
Cage Clamp: Brass, Nickel Plated
Screw Size: M2.6 Nickel Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 4.5 in-lb.
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)	Poles	L (mm)
2	20.32	13	76.20
3	25.40	14	81.28
4	30.48	15	86.36
5	35.45	16	91.44
6	40.64	17	96.52
7	45.72	18	101.60
8	50.80	19	106.68
9	55.88	20	111.76
10	60.96	21	116.84
11	66.04	22	121.92
12	71.12		

To convert to inches, divide by 25.4



Euro-MAG Series
Pluggable

Part Numbering System

Series

E**M****3****1****1****8**

of Poles

02 to 22

Mating Header: EM2218 pg. 110

Series EM2218

Header with Flanges; (Mates with EM2118, EM3118 Series); 5.08 Centers

SPECIFICATIONS:

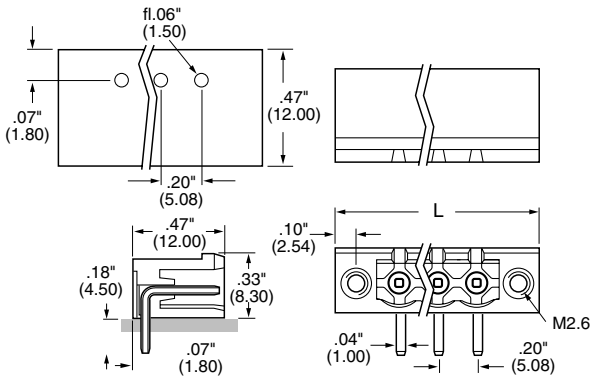
Rating: 12A, 300V
Center Spacing: .200" (5.08mm)
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Tin Plated Brass
Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.
Recommended PCB Hole Diameters: .059" (1.50)
Construction: Mold to Length
Agency Information: UL/CSA; CE Certified

Poles	L (mm)	L (Inch)	Poles	L (mm)	L (Inch)
2	20.32	0.8	12	71.12	2.8
3	25.40	1.0	13	76.20	3.0
4	30.48	1.2	14	81.28	3.2
5	35.56	1.4	15	86.36	3.4
6	40.64	1.6	16	91.44	3.6
7	45.72	1.8	17	96.52	3.8
8	50.80	2.0	18	101.60	4.0
9	55.88	2.2	19	106.68	4.2
10	60.95	2.4	20	111.76	4.4
11	66.04	2.6			

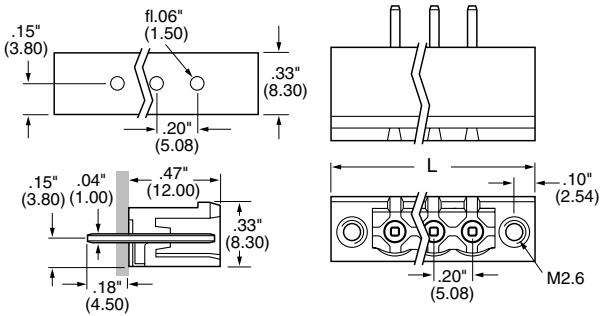
EM221804H

EM221804V

Horizontal



Vertical



Part Numbering System

Inches (Millimeters)

Series

EM2218

of Poles

02 to 22

Orientation

H - Horizontal
V - Vertical

Mating Plugs: EM2118 pg. 108
EM3118 pg. 109

NOTES

EM3516 Series Euro-Mag Terminal Blocks

Pluggable Block (Mates with EM3526 Series);
7.62 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .300" (7.62 mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Cage Clamp: Brass, Nickel Plated

Screw Size: M3.0 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 5.0 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

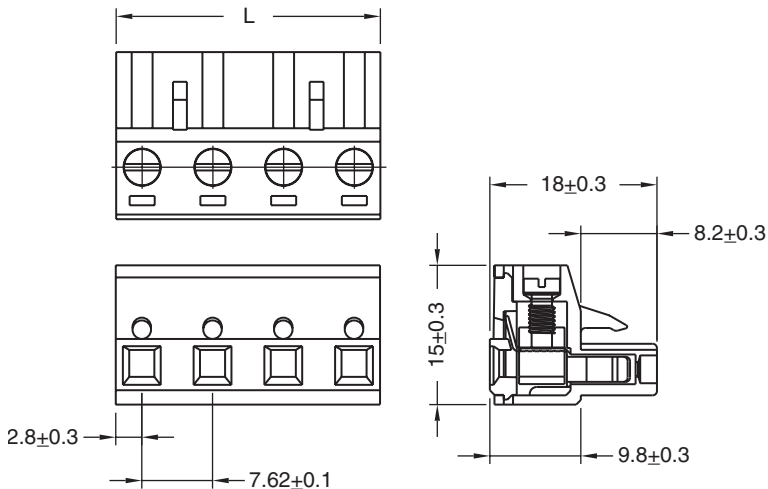
Agency Information: UL/CSA; CE Certified

EM351603

TABLE A

Poles	L (mm)
2	8.41
3	12.22
4	16.03
5	19.84
6	23.65
7	27.46
8	31.27
9	35.08
10	38.89
11	42.70
12	46.51

To convert to inches, divide by 25.4



Part Numbering System

Series

EM3516

of Poles

02 12

02 to 12

EM3526 Series Euro-Mag Terminal Blocks

Closed and Open Header (Mates with
EM3516 Series); 7.62 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .300" (7.62)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin Plated

Operating Temperature: 105°C (221°F) max., -40°C
(-40°F) min.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

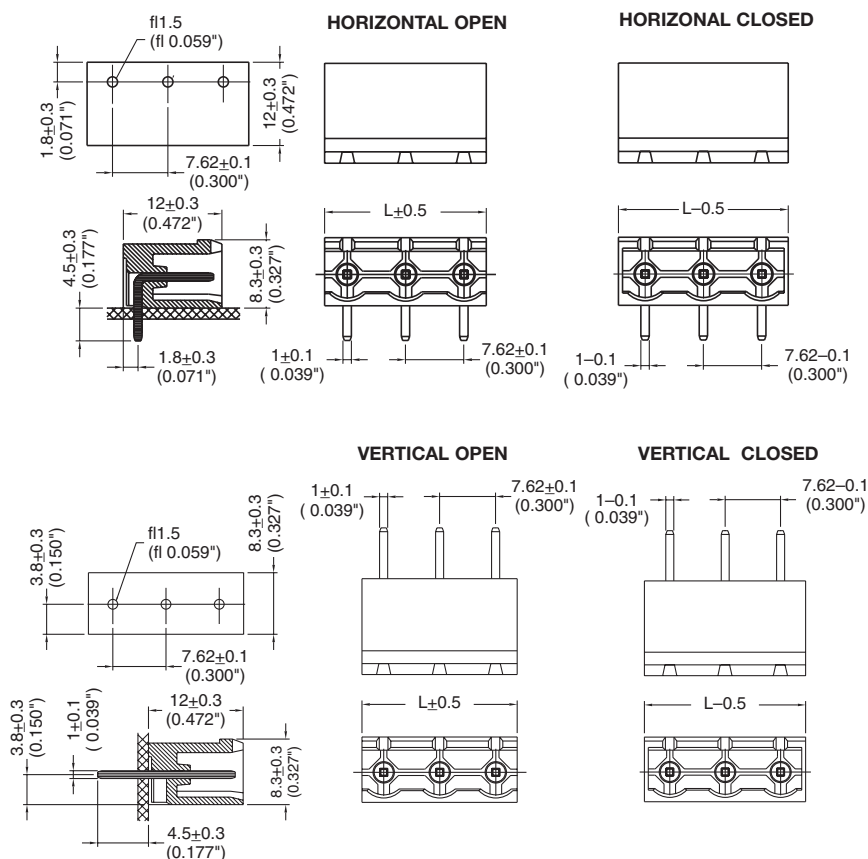
EM352610HO

EM352604VC

TABLE A

Poles	Open L (mm)	Closed L (mm)
2	13.44	15.24
3	21.06	22.86
4	28.68	30.48
5	36.60	38.10
6	43.92	45.72
7	51.54	53.34
8	59.16	60.96
9	66.78	68.58
10	74.40	76.20
11	82.02	83.82
12	89.64	91.44

To convert to inches, divide by 25.4



Part Numbering System

Series

EM3526

of Poles

02 to 24

Orientation

H - horizontal
V - vertical

Side Base

O - open
C - closed

EM2416 Series Euro-Mag Terminal Blocks

Pluggable Block with Flanges (Mates with
EM2426 Series); 7.62 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .300" (7.62 mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Cage Clamp: Brass, Nickel Plated

Screw Size: M3.0 Zinc Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C
(-40°F) min.

Torque Rating: 5.0 in.-lb.

Recommended PCB Hole Diameters: .055" (1.40)

Construction: Mold to Length

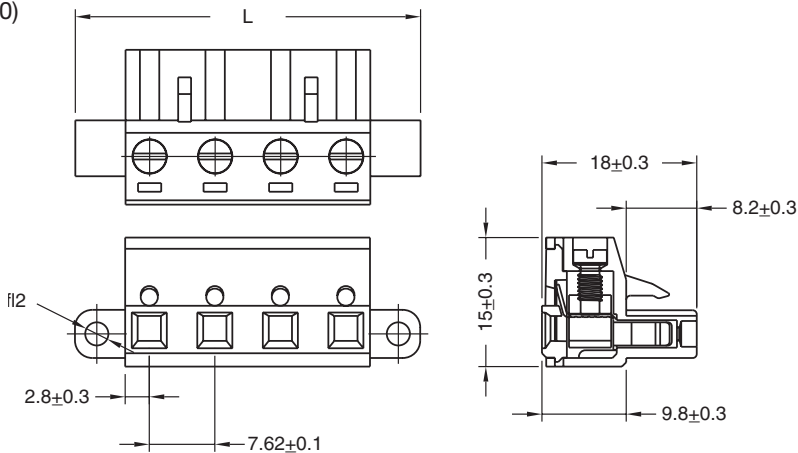
Agency Information: UL/CSA; CE Certified

EM241602

TABLE A

Poles	L (mm)
2	24.90
3	32.50
4	40.10
5	47.80
6	55.40
7	63.00
8	70.60
9	78.20
10	89.90
11	93.50
12	101.10

To convert to inches, divide by 25.4



Part Numbering System

Series

EM2416

of Poles

02 to 12

EM2426 Series Euro-Mag Terminal Blocks

Header with Flanges (Mates with EM2416 Series); 7.62 Centers

EM242603V

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: .300" (7.62)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .059" (1.50)

Construction: Mold to Length

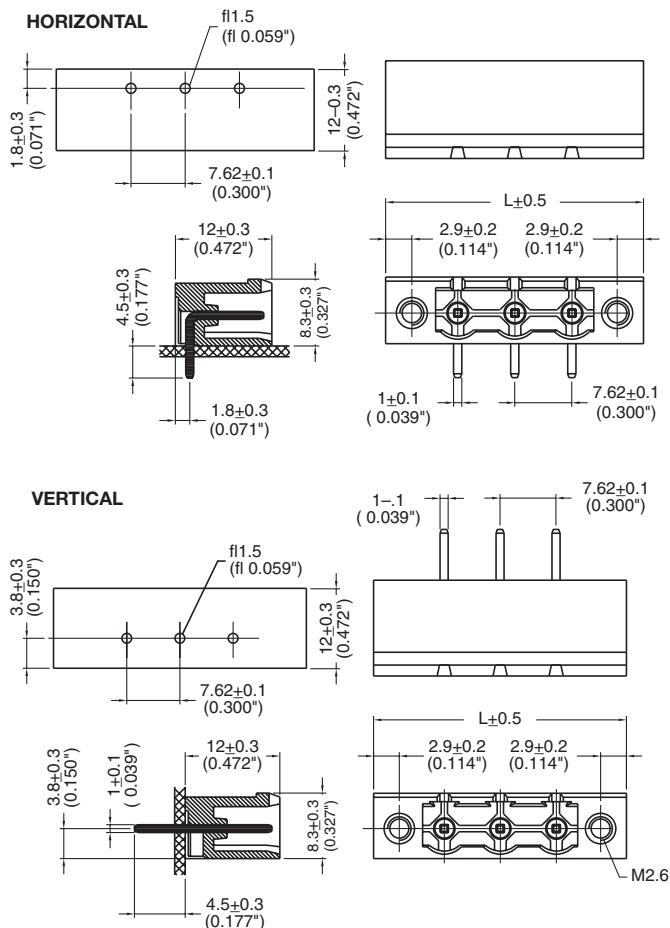
Agency Information: UL/CSA; CE Certified

TABLE A

Poles	L (mm)	Poles	L (mm)
2	25.62	8	71.34
3	33.24	9	78.96
4	40.86	10	86.58
5	48.48	11	94.20
6	56.10	12	101.80
7	63.72		

To convert to inches, divide by 25.4

EM242606H



Part Numbering System

Series

EM2426

of Poles

02 to 12

Orientation

H - horizontal
V - vertical

EM5015 Series Euro-Mag Terminal Blocks

Pluggable Block

(Mates with EM5025 Series); 5.00 Centers

SPECIFICATIONS

Rating: 15A, 300V

Center Spacing: .197" (5.00)

Wire Range: #16-24 AWG

Housing Material: Blue UL 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Screw Size: M2x6 Chromatized Steel

Operating Temperature: 120°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 3.0 in-lb.

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Connector Style: Spring Clamp

Agency Information: UL/CSA; CE Certified

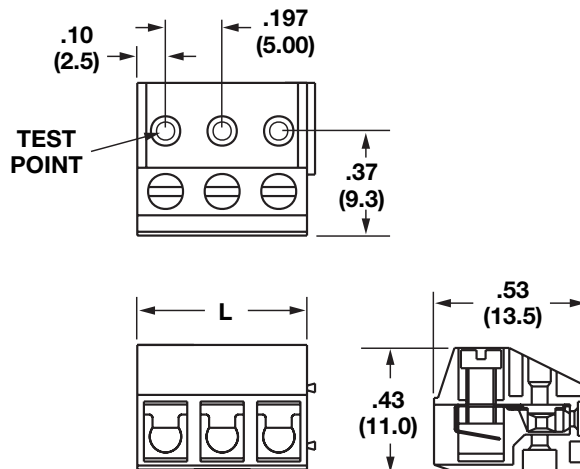
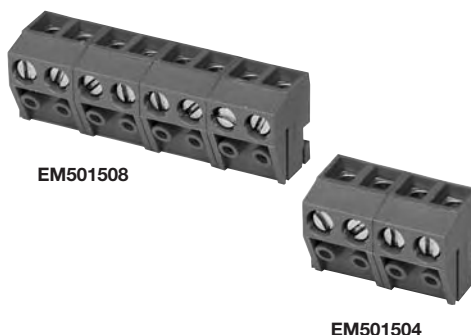
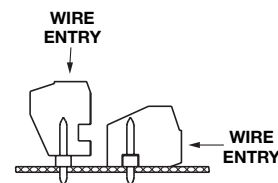


TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4

*Mold-to-Length



Mating orientations

Part Numbering System

Series

of Poles

EM5015

02 24

02 to 24

EM5025 Series Euro-Mag Terminal Blocks

Header (Mates with EM5015 Series);
5.00 Centers

SPECIFICATIONS

Rating: 15A, 300V

Center Spacing: .197" (5.00)

Housing Material: Black UL 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Operating Temperature: 120°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .059" (1.50)

Construction: Mold to Length

Agency Information: UL/CSA; CE Certified

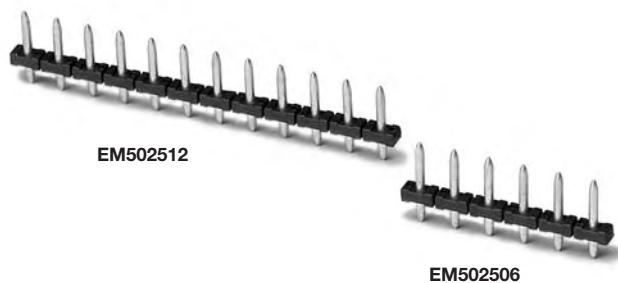
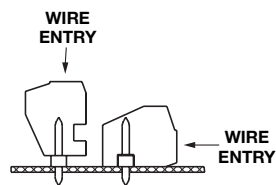
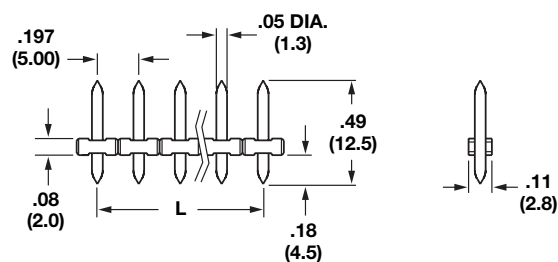


TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4



Mating orientations

Part Numbering System

Series

EM5025

of Poles

02

02 to 24

EM5035 Series Euro-Mag Terminal Blocks

Pluggable Block, Stackable
(Mates with EM5045 Series) 5.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .197" (5.00)

Wire Range: #16-24 AWG

Housing Material: Black UL 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Wire Protector: Phosphor Bronze, Tin Plated

Screw Size: M2.6 Chromatized Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 3.0 in-lb.

Construction: Modular design features dove-tails for interlocking to achieve longer lengths

Agency Information: UL/CSA Pending; CE Certified

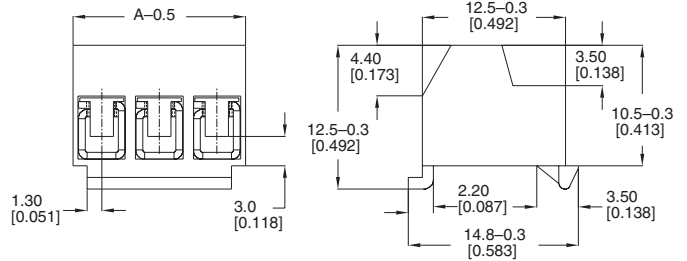
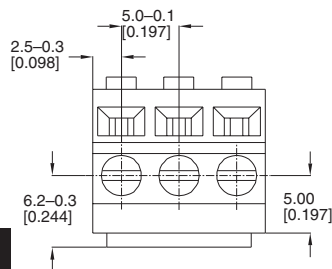


TABLE A

Poles	L (mm)	Poles	L (mm)
2	10.00	14	70.00
3	15.00	15	75.00
4	20.00	16	80.00
5	25.00	17	85.00
6	30.00	18	90.00
7	35.00	19	95.00
8	40.00	20	100.00
9	45.00	21	105.00
10	50.00	22	110.00
11	55.00	23	115.00
12	60.00	24	120.00
13	65.00		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM5035

of Poles

02 to 24

EM5045 Series Euro-Mag Terminal Blocks

Header (Mates with EM5035 Series);
5.00 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .197" (5.00)

Housing Material: Black UL 94V0 Thermoplastic

Contact Material: Tin Plated Brass

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: .059" (1.50)

Construction: Mold to Length

Agency Information: UL/CSA Pending; CE Certified

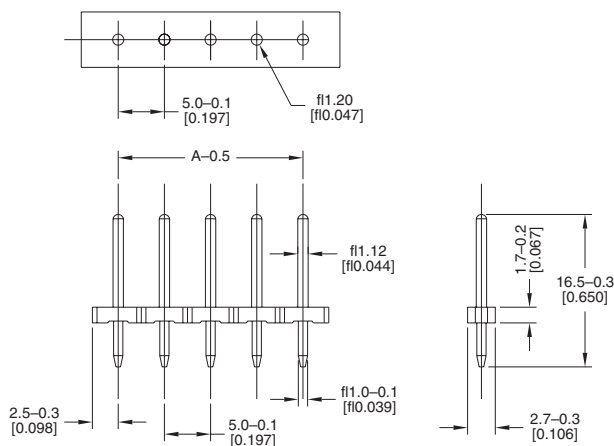


EM504513

TABLE A

Poles	L (mm)	Poles	L (mm)
2	5.00	14	65.00
3	10.00	15	70.00
4	15.00	16	75.00
5	20.00	17	80.00
6	25.00	18	85.00
7	30.00	19	90.00
8	35.00	20	95.00
9	40.00	21	100.00
10	45.00	22	105.00
11	50.00	23	110.00
12	55.00	24	115.00
13	60.00		

To convert to inches, divide by 25.4



Part Numbering System

Series

of Poles

EM5045

02 24

02 to 24

Series NDN Rail Mount Terminal Blocks

35mm DIN Rail Compatible

SPECIFICATIONS

High Density Design: Up to 48 circuits per foot

Clamping Collar: Secures wires

Large, Captive, Wire-Ready Screws: Speeds assembly

Snap-on Installation to DIN Rail: Fast, easy assembly

Fully Shielded Construction: 600V spacings

Unique One-Piece Construction: Increases reliability

Thermoplastic Moldings: Strong and impact resistant

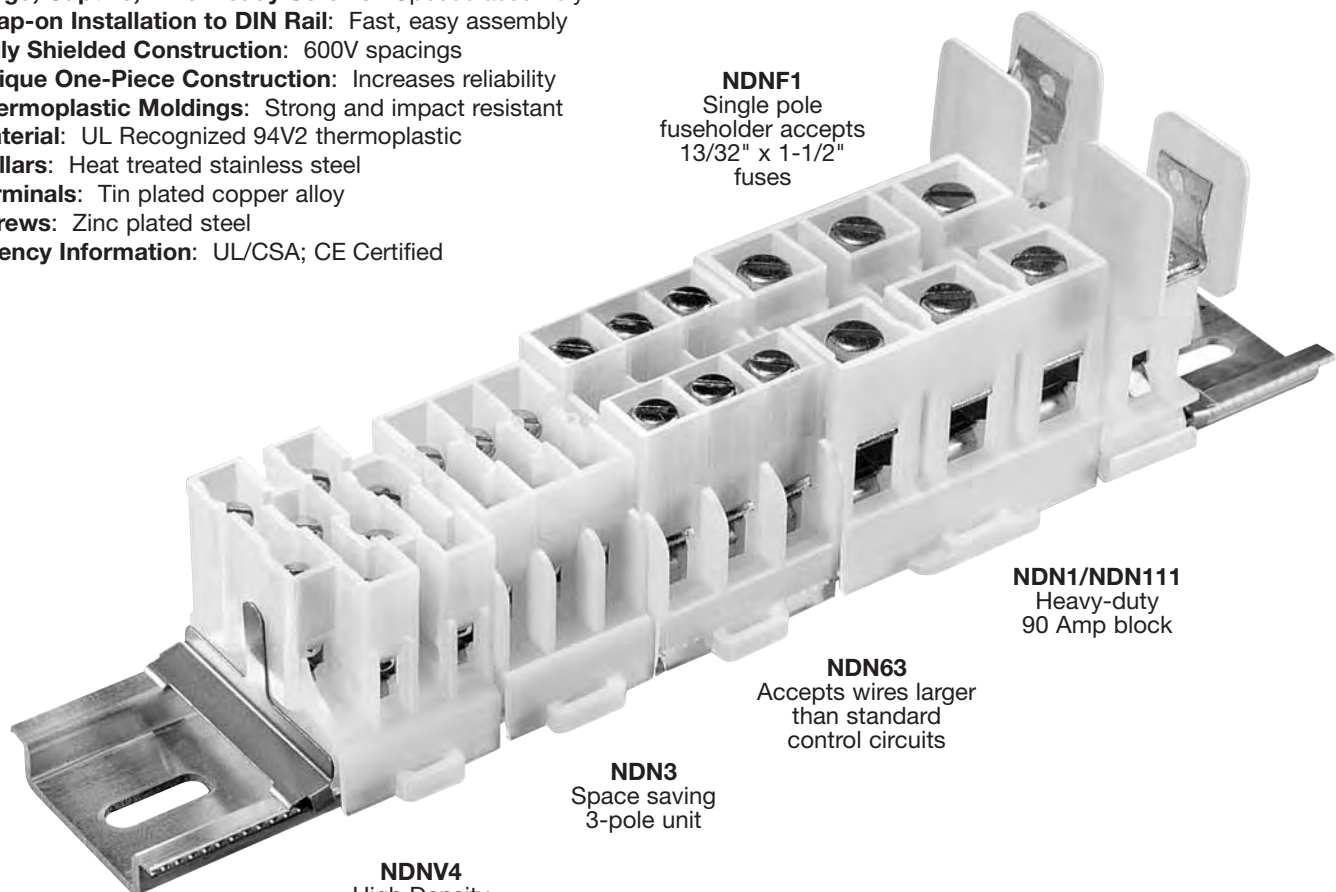
Material: UL Recognized 94V2 thermoplastic

Collars: Heat treated stainless steel

Terminals: Tin plated copper alloy

Screws: Zinc plated steel

Agency Information: UL/CSA; CE Certified



NDNF1
Single pole
fuseholder accepts
13/32" x 1-1/2"
fuses

NDN1/NDN111
Heavy-duty
90 Amp block

NDN63
Accepts wires larger
than standard
control circuits

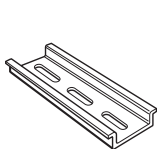
NDN3
Space saving
3-pole unit

NDNV4
High Density
48 circuits per foot

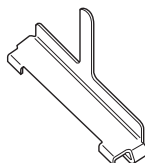
NDNA200
Universal aluminum
35mm DIN mounting rail

Series NDN Terminal Block Accessories

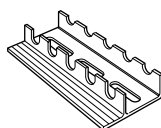
Inches (Millimeters)



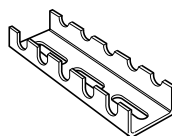
NDNA
35mm DIN Rail
Aluminum
NDNA 100 1 meter
NDNA 200 2 meters



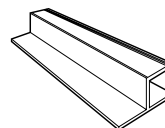
NDNAS
35mm DIN Rail
End Stop



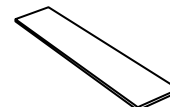
NFTA
C-Rail
Aluminum
Lengths to 72"



NRA
C-Rail
Low Profile
No Flange
Aluminum
Lengths to 37-1/2"



SOA72
72" Long
Stand-Off Channel
For C-Rail



**MASKING
TAPE**
See Series
Specifications



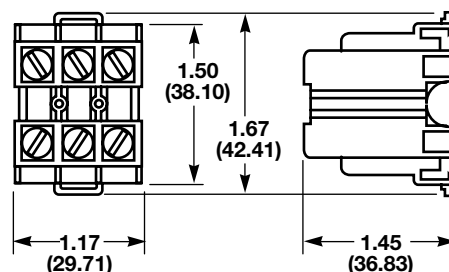
JUMPERS
See Series
Specifications

Rail Mount Terminal Blocks

NDN63

SPECIFICATIONS:

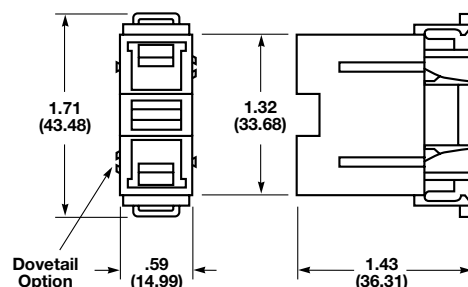
Rating: 65A, 600V; UL/CSA
Center Spacing: .375" (9.52 mm)
Number Of Poles: 3
Circuits Per Foot: 30
Circuit Jumper: JN3, 2 circuits
Wire Range: AWG #6-18 CU
Screw Size: #10-32
Mounting Options: 35mm DIN rail, C-rail
Marking Tape: MT12-1/2
Torque Rating: 35 in-lb
Operating Temperature: 105°C



NDN1

SPECIFICATIONS:

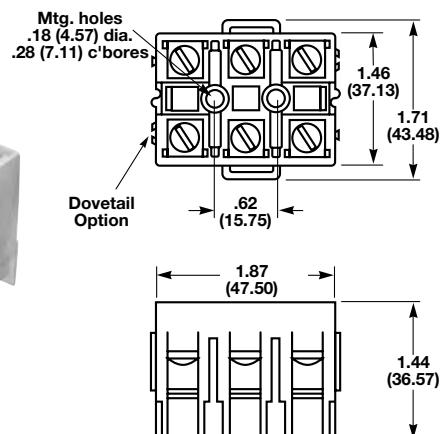
Rating: 90A, 600V
Center Spacing: .635" (16.13 mm)
Number Of Poles: 1
Circuits Per Foot: 18
Wire Range: AWG #2-18 CU
Screw Size: #1/4-28
Mounting Options: 35mm DIN rail, C-rail
 * Dove-tail option is available for mounting side-by-side.
 Order part no. NDN1-A
Marking Tape: MT12-1/2
Torque Rating: 32 in-lb
Operating Temperature: 105°C



NDN111

SPECIFICATIONS:

Rating: 90A, 600V; UL/CSA
Center Spacing: .635" (16.13 mm)
Number Of Poles: 3
Circuits Per Foot: 18
Circuit Jumper: JN1, 2 circuits
Wire Range: AWG #2-18 CU
Screw Size: #1/4-28
Mounting Options: 35mm DIN rail, C-rail, Base Mount
 * Dove-tail option is available for mounting side-by-side.
 Order part no. NDN111-A
Marking Tape: MT12-1/2
Torque Rating: 32 in-lb
Operating Temperature: 105°C

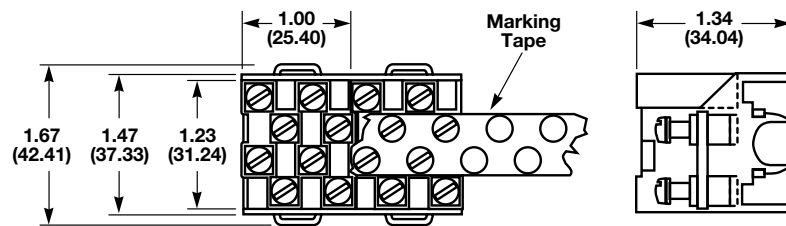


Rail Mount Terminal Blocks

NDNV4

SPECIFICATIONS:

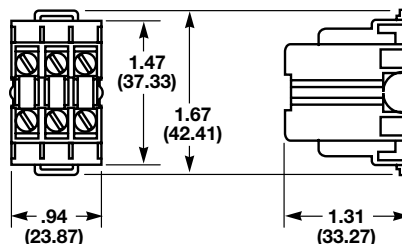
Rating: NDNV4 30A, 600V; UL/CSA
Center Spacing: .250" (6.35mm)
Number Of Poles: 4
Circuits Per Foot: 48
Circuit Jumper: JN4, 4 circuits
Wire Range: AWG #10-22 CU
Screw Size: #6-32
Mounting Options: 35mm DIN rail, C-rail
Marking Tape: MTC6
Torque Rating: 18 in-lb
Operating Temperature: 105°C



NDN3

SPECIFICATIONS:

Rating: 30A - field wiring; 40A - factory wiring
 600V; UL/CSA
Center Spacing: .300" (7.62 mm)
Number Of Poles: 3
Circuits Per Foot: 38
Circuit Jumper: JNDN3, 2 circuits
Wire Range: AWG #10-22 CU
Screw Size: #6-32
Mounting Options: 35mm DIN rail, C-rail
Marking Tape: MT12-1/2
Torque Rating: 18 in-lb
Operating Temperature: 105°C

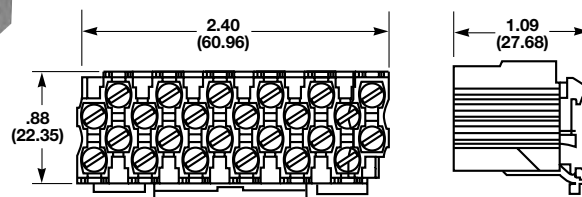


Rail Mount Terminal Blocks

N512

SPECIFICATIONS:

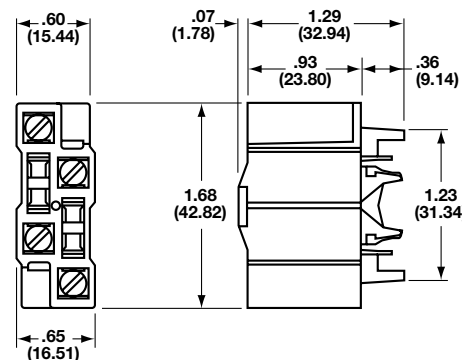
Rating: 5A, 600V; UL/CSA
20A, 300V; UL/CSA
Center Spacing: .197" (5.00 mm)
Number Of Poles: 12
Circuits Per Foot: 60
Circuit Jumper: JN512, 12 circuits
Wire Range: AWG #12-22 CU
Screw Size: #4-48
Mounting Options: C-rail, 15mm DIN rail
Marking Tape: AT512
Torque Rating: 12 in-lb
Operating Temperature: 105°C



NFT2

SPECIFICATIONS:

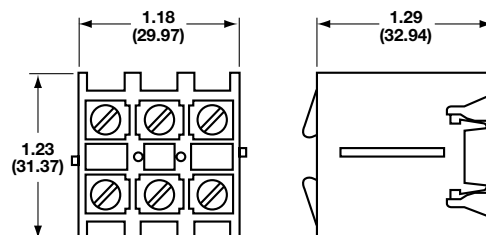
Rating: 40A, 600V; UL/CSA;
55A Factory Wired
Center Spacing: .281" (7.13 mm)
Number Of Poles: 2
Circuits Per Foot: 38
Circuit Jumper: JN2, 2 circuits
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Mounting Options: C-rail
Marking Tape: MT12-1/2
Torque Rating: 18 in-lb
Operating Temperature: 105°C



NFT3

SPECIFICATIONS:

Rating: 40A, 600V; UL/CSA
55A Factory Wired
Center Spacing: .390" (9.91 mm)
Number Of Poles: 3
Circuits Per Foot: 28
Circuit Jumper: JN3, 2 circuits
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Mounting Options: C-rail
Marking Tape: MT12-1/2
Torque Rating: 18 in-lb
Operating Temperature: 105°C

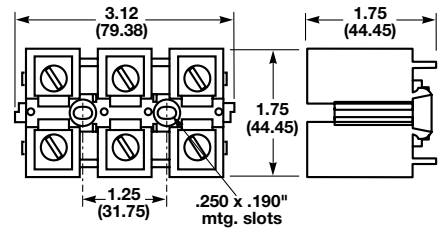


Rail & Base Mount Terminal Blocks

NC3

SPECIFICATIONS:

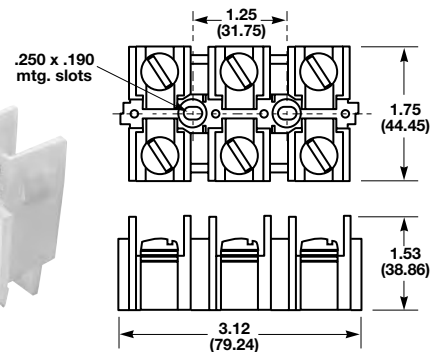
Rating: 175A, 600V; UL/CSA
Center Spacing: 1.06" (26.92 mm)
Number Of Poles: 3
Circuits Per Foot: 11
Wire Range: 2/0-#14 CU/AL
Screw Size: 5/16-24
Mounting Options: C-rail, Base Mount
Marking Tape: MT12-1/2
Torque Rating: 45 in-lb
Operating Temperature: 105°C



NSE3

SPECIFICATIONS:

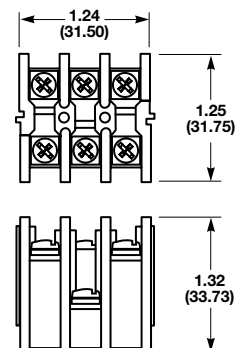
Rating: 115A, 600V; UL/CSA
Center Spacing: 1.06" (26.92 mm)
Number Of Poles: 3
Circuits Per Foot: 11
Circuit Jumper: JNSE3, 2 circuits
Wire Range: For use with wire crimped to ring terminal
Screw Size: #1/4-28
Mounting Options: C-rail, Base Mount
Marking Tape: MT12-1/2
Torque Rating: 32 in-lb
Operating Temperature: 105°C



NSS3

SPECIFICATIONS:

Rating: 30A, 600V; UL/CSA
Center Spacing: .385" (9.77 mm)
Number Of Poles: 3
Circuits Per Foot: 28
Circuit Jumper: JNSS3, 2 circuits
Wire Range: For use with wire crimped to ring terminal
Screw Size: #6-32
Mounting Options: C-rail
Marking Tape: MT12-1/2
Torque Rating: 12 in-lb
Operating Temperature: 105°C

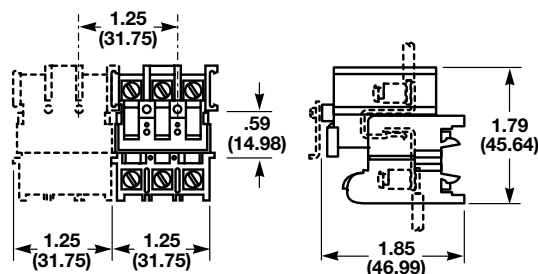


Deploable Rail Mount Terminal Blocks

PLU3

SPECIFICATIONS:

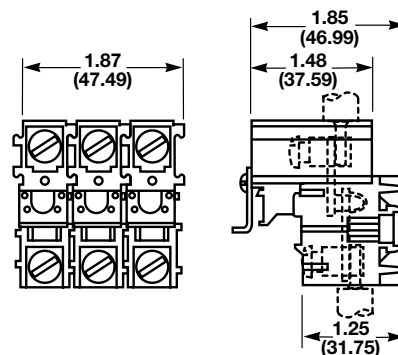
Rating: 40A, 600V; UL/CSA
Center Spacing: .390" (9.91 mm)
Number Of Poles: 3
Circuits Per Foot: 28
Circuit Jumper: JN3, 2 circuits
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Mounting Options: C-rail, Stackable
Marking Tape: MT12-1/2
Torque Rating: 18 in-lb
Operating Temperature: 105°C



PLU1 Series

SPECIFICATIONS:

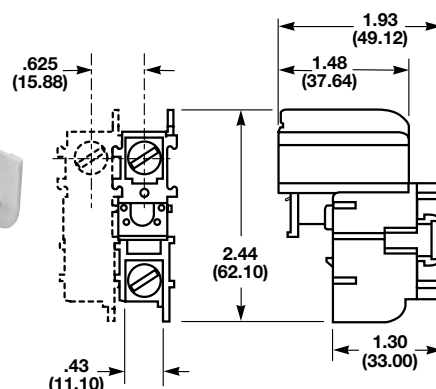
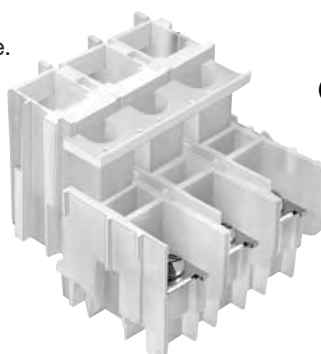
Rating: 70A, 600V; UL/CSA
Center Spacing: .625" (15.88 mm)
Number Of Poles: 1-3
 PLU1 (1 pole)
 PLU11 (2 pole)
 PLU111 (3 pole)
Circuits Per Foot: 19
Circuit Jumper: JN1, 2 circuits
Wire Range: AWG #4-18 CU
Screw Size: #1/4-28
Mounting Options: C-rail, Stackable
Marking Tape: MT12-1/2
Torque Rating: 32 in-lb
Operating Temperature: 105°C



PSU1 Series

SPECIFICATIONS:

Rating: 45A*, 600V; UL/CSA
 *45A rating achieved with ring terminal crimped to wire.
Center Spacing: .625" (15.88 mm)
Number Of Poles: 1-3
 PSU1 (1 pole)
 PSU11 (2 pole)
 PSU111 (3 pole)
Circuits Per Foot: 19
Wire Range: For use with crimp on connectors only.
Screw Size: #10-32
Mounting Options: C-rail, Stackable
Marking Tape: MT12-1/2
Torque Rating: 24 in-lb
Operating Temperature: 105°C



Rail Mount Fuse Holders

NDNF1 fuse holding rail mount terminal block

SPECIFICATIONS:

Rating: 30A, 600V; UL/CSA

Number Of Poles: 1

Fuse Size: 13/32" x 1-1/2"

BCC recommends BUSS® KTK-R, FNQ-R or equivalent.

Circuit Jumper: JF1, 2 Circuits

Wire Range: AWG #8-22 CU

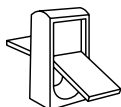
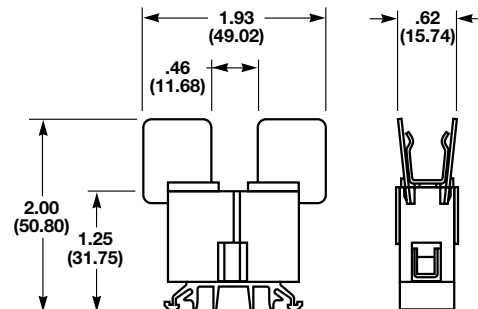
Mounting Options: 35mm DIN rail, C-rail

Fuse Pullers : PF1 (standard);

*LPF1 (lighted neon or incandescent bulb).

Torque Rating: 18 in-lb

Operating Temperature: 105°C



PF1
Fuse Puller



LPF1
Lighted Fuse Puller

NDND1 non-fused disconnect enables isolation of individual circuits for testing

NDFD1 fused disconnect block

NDNLF1 fused disconnect with visual indicator* for blown fuse

SPECIFICATIONS:

Ratings: NDND1: 30A, 600V; UL/CSA

NDNFD1: 15A, 600V; CSA

NDNLF1: 15A, 600V

Number Of Poles: 1

Fuse size: 1/4" x 1-1/4"

BCC recommends BUSS® AGC, MDL or equivalent.

Circuit Jumper: JF1, 2 circuits

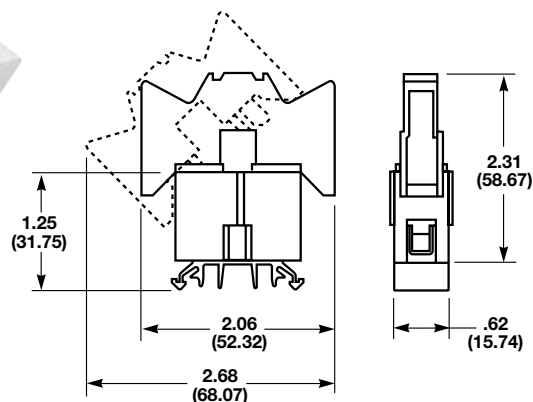
Wire Range: AWG #8-22 CU

Mounting Options: 35mm DIN rail, C-rail

Marking Tape: MT12-1/2

Torque Rating: 18 in-lb

Operating Temperature: 105°C



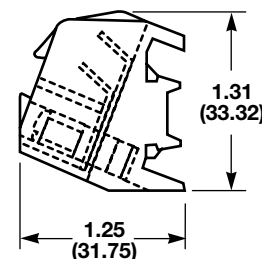
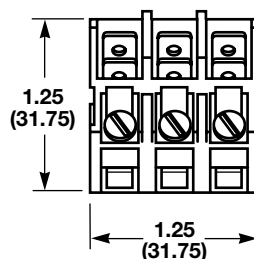
*Visual indicator for blown fuse is neon or incandescent bulb, depending on voltage. Specify voltage required.

Quick Connect Terminal Blocks

NTQ23

SPECIFICATIONS:

Rating: 40A, 600V
Center Spacing: .390" (9.91 mm)
Number Of Poles: 3
Circuits Per Foot: 28
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Mounting Options: C-rail
Marking Tape: MT12-1/2
Torque Rating: 18 in-lb
Operating Temperature: 105°C



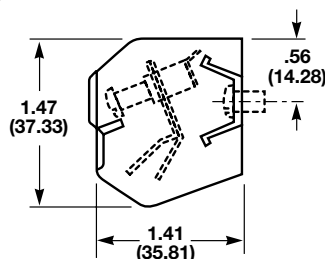
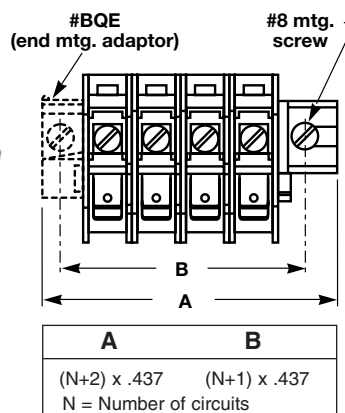
BNQ21

SPECIFICATIONS:

Rating: 40A, 600V; UL/CSA
Center Spacing: .437" (11.10 mm)
Number Of Poles: 1
Circuits Per Foot: 24
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Quick Connects: .250" x .031"
Mounting Options: Base Mount
 Stackable; End Piece (Part No. BQE) is required for mounting. Mounting screws recommended every 8 circuits.
Torque Rating: 18 in-lb
Operating Temperature: 105°C



BQE
End Mounting Adapter Required



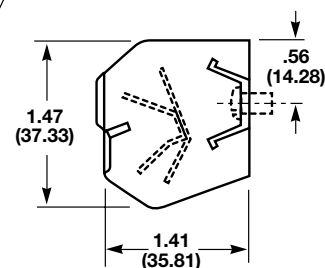
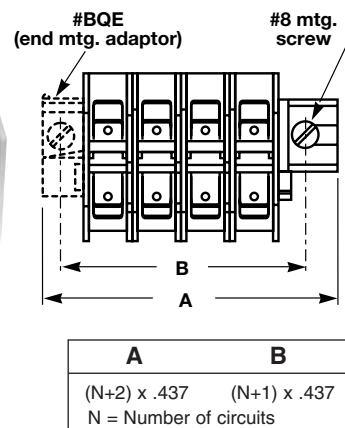
BQQ41

SPECIFICATIONS:

Rating: 30A, 600V; UL/CSA
Center Spacing: .437" (11.10 mm)
Number Of Poles: 1
Circuits Per Foot: 24
Wire Range: For use with quick connect terminals only.
Quick Connects: .250" x .031"
Mounting Options: Base Mount, Stackable; End Piece (Part No. BQE) is required for mounting. Mounting screws recommended every 8 circuits.
Operating Temperature: 105°C



BQE
End Mounting Adapter Required

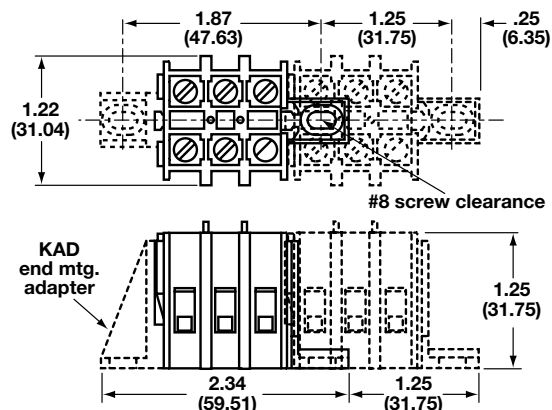
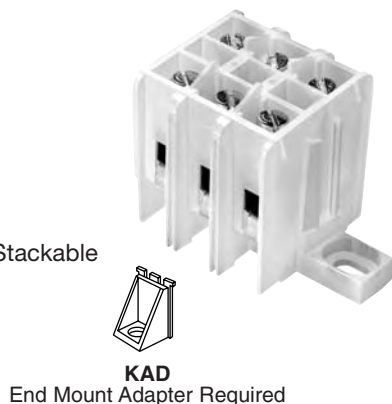


Base Mount Terminal Blocks

KT3

SPECIFICATIONS:

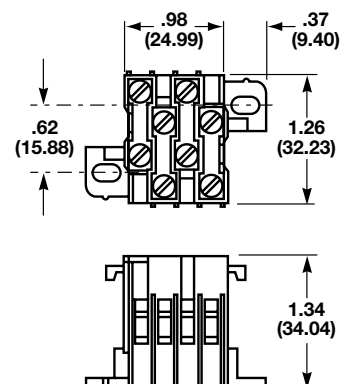
Rating: 40A, 600V; UL/CSA
Center Spacing: .390" (9.91 mm)
Number Of Poles: 3
Circuits Per Foot: 28
Circuit Jumper: JN3, 2 circuits
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Mounting Options: Base Mount, Stackable
Marking Tape: MT12-1/2
Torque Rating: 18 in-lb
Operating Temperature: 105°C



KT4

SPECIFICATIONS:

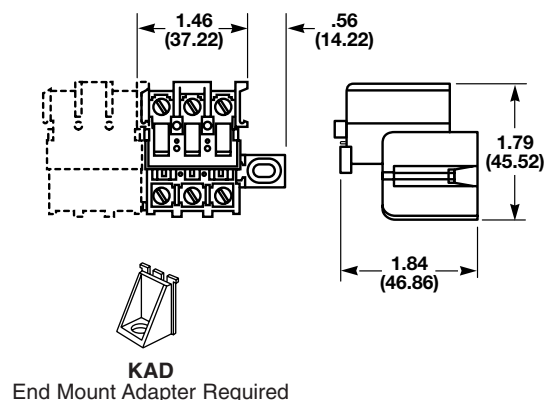
Rating: 30A, 600V; UL/CSA
Center Spacing: .250" (6.35 mm)
Number Of Poles: 4
Circuits Per Foot: 48
Circuit Jumper: JN4, 4 circuits
Wire Range: AWG #10-22 CU
Screw Size: #6-32
Mounting Options: Base Mount
 Mounting screws recommended every 12 circuits
Marking Tape: MTC6
Torque Rating: 18 in-lb
Operating Temperature: 105°C



PLK3

SPECIFICATIONS:

Rating: 40A, 600V; UL
Center Spacing: .390" (9.91 mm)
Number Of Poles: 3
Circuits Per Foot: 28
Circuit Jumper: JN3, 2 circuits
Wire Range: AWG #8-22 CU
Screw Size: #8-32
Mounting Options: Base Mount, Stackable; End Piece (Part No. KAD) is required for mounting. Mounting screws recommended every 15 circuits.
Marking Tape: MT12-1/2
Torque Rating: 18 in-lb
Operating Temperature: 105°C



Series 15188

Disconnect Terminal Blocks for 35mm DIN Rail Mount

SPECIFICATIONS

Rating: 30A, 600V*

Center Spacing: .375" (9.52 mm)

Wire Range: #12-16 AGW CU

Screw Size: #6-32 zinc plated phillslot

Number of Poles: 3 and 4 pole only

Mounting: 35mm DIN Rail

Optional End Stop NDNAS

Jumpers: 2 through 4 pole available

Materials: Molded Base: UL rated 94V-2 thermoplastic.

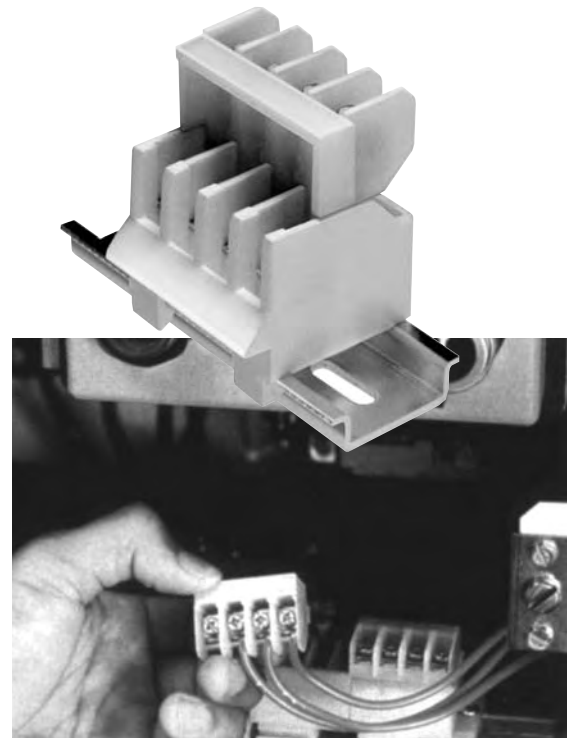
Tin plated copper alloy contacts.

Torque Rating: 12 in-lb

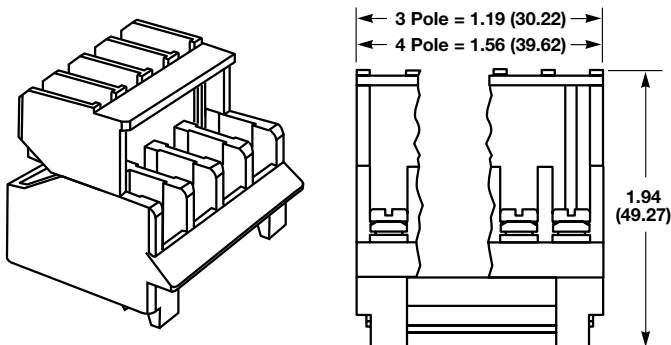
Operating Temperature: 105°C

Agency Information: UL/CSA; CE Certified

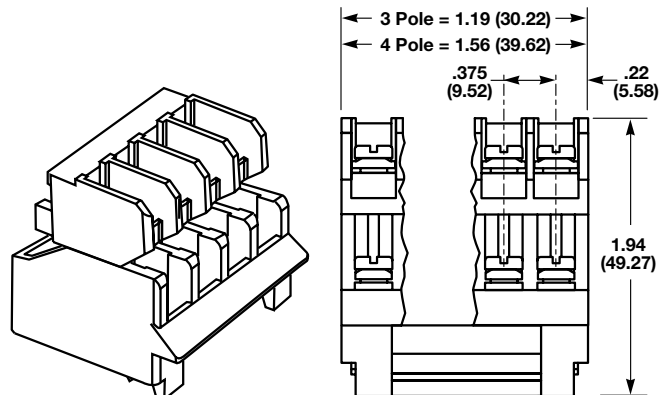
* 30A rating achieved with #10AWG wire crimped to ring terminal; 25A without.



IN-LINE WIRING DIRECTION



REVERSE WIRING DIRECTION



Base & Rail Mount
Connectors

Part Numbering System

Series

1 5 1 8 8

Poles

3 to 4

Wiring

blank - inline
R - reverse

S

S - locking snap

15288 Series

Disconnect Terminal Blocks
for DIN Rail Mount

SPECIFICATIONS

Rating: 65A, 600V*

Center Spacing: .54" (13.7 mm)

Wire Range: #6-16 AWG

Screw Size: #8-32 zinc plated phillslot

Number of Poles: 3 pole only

Mounting: 35mm DIN Rail

Optional End Stop NDNAS (shown on pg. 4)

Materials: Molded Base: UL rated 94V-2 thermoplastic.

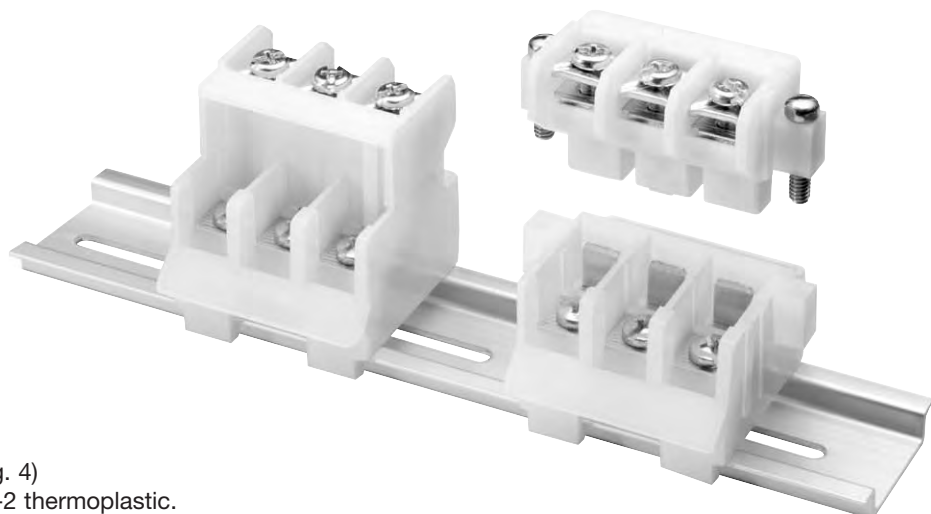
Tin plated copper alloy contacts.

Torque Rating: 20 in-lb (30 in-lb for 8AWG bare wire)

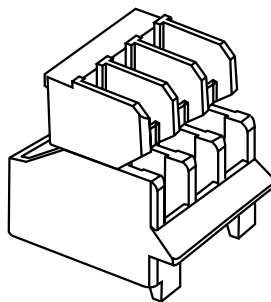
Operating Temperature: 105°C (221°F)

Agency Information: UL/CSA E62622; CE Certified

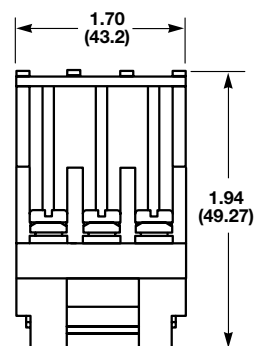
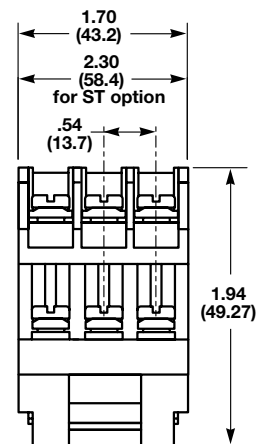
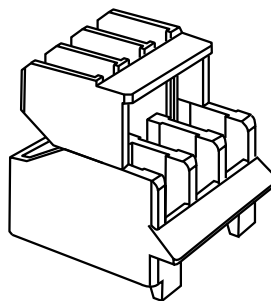
*CSA rating achieved with #6AWG wire crimped to ring terminal 50A without.



REVERSE WIRING DIRECTION



IN-LINE WIRING DIRECTION



Part Numbering System

Series

1 5 2 8 8

Wiring

blank blank

blank - inline
R - reverse

Options

blank blank

S - snap
ST - screw together
SS - solid din rail snap

Series KU

Base Mount Double Row Terminal Blocks

SPECIFICATIONS

Rating: 60A, 600V*

Center Spacing: .625" (15.88 mm)

Number of Poles: 2-12

Wire Range: #6-22 AWG CU

Screw Size: #10-32 brass nickel plated

Torque Rating: 20 in-lb.

Distance Between Barriers: .437" (11.09 mm)

Mounting: Base mount. For 35mm DIN rail mountable, add ND prefix

Material: Molded base: Black, UL rated 94V0 thermoplastic

Terminal plating: Nickel over brass

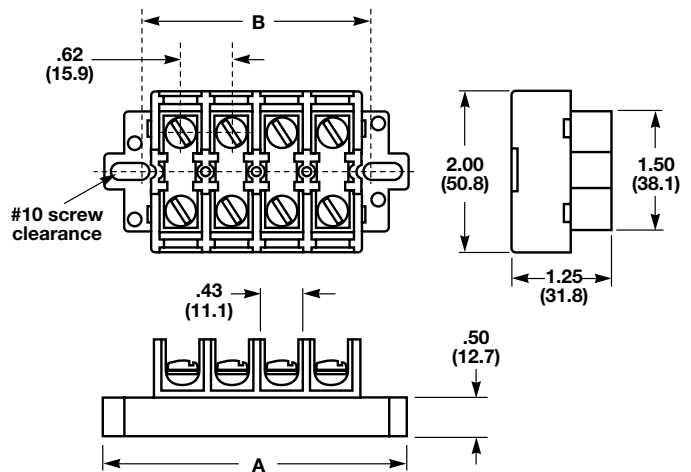
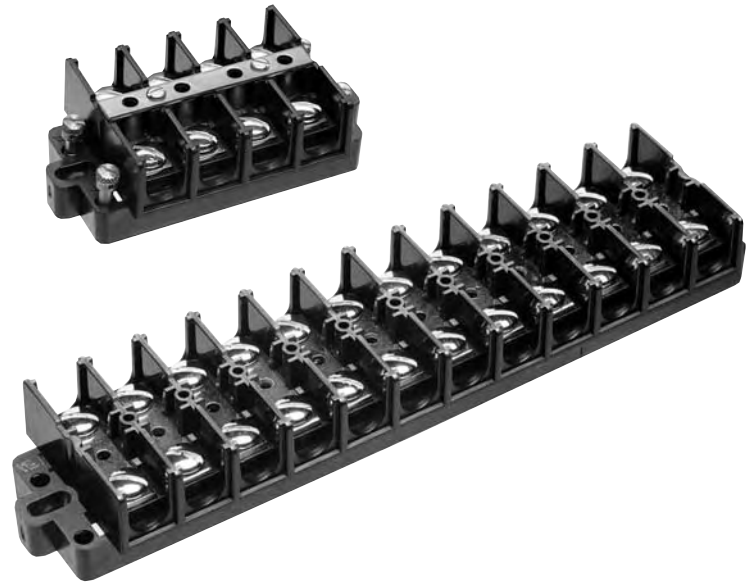
Operating Temperature: 105°C max.

Agency Information: UL/CSA; CE Certified

* 60A rating achieved with #6 copper wire crimped to ring terminal.

Poles	A	KU	B	KUX only A
02	2.50		1.62	2.00
03	3.12		2.25	2.62
04	3.75		2.87	3.25
05	4.37		3.50	3.87
06	5.00		4.12	4.50
07	5.62		4.75	5.12
08	6.25		5.37	5.75
09	6.87		6.00	6.37
10	7.50		6.62	7.00
11	8.12		7.25	7.62
12	8.75		7.87	8.25

* Dimensions in inches. To convert to millimeters, multiply by 25.4.



Part Numbering System

Series

KU —

- KU** - standard block
- KUH** - block
- KUX** - short block
- KUSC** - standard w/shorting strap & 4 shorting screws
- KURL** - standard w/removable link
- KUXSC** - short block w/shorting strap & 4 shorting screws
- KUXRL** - short block w/removable link

Poles

02 to 12

Screw Options

00

- 00** - screws shipped bulk
- W** - brass washer head, nickel plated
- P** - steel screw w/pressure plate zinc plated
- B** - brass washer head, no plating
- BP** - brass phillslot, nickel plated

Covers

WC

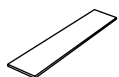
- WC** - Top cover & 2 end plates

Marking Strip

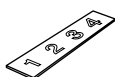
MT

- MT** - matte finish
- NU** - Numbered 1 to 12, horizontal
- NUV** - numbered 1 to 12, vertical
- PT** - marker strip for cover

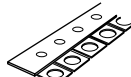
Accessories



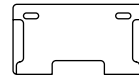
MTMU##
Molded Marking Tape
Matte Finish



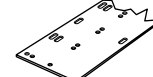
NUM##
Molded Marking Tape



JU12
Jumper
12 Circuits



NUE
End Piece for NUC



NUC##
Cover

Series 11675

Quick-Connect Power Distribution Blocks

SPECIFICATIONS

Rating: 40A, 250V

Poles: 2 to 6 poles with (3) .250" quick-connect terminals per pole

Wire Range: #8-14 AWG CU

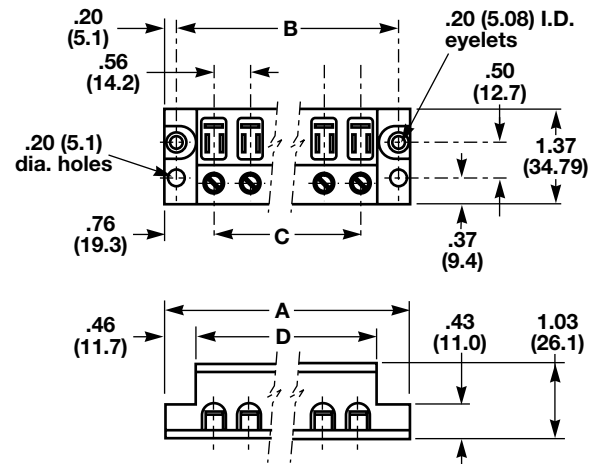
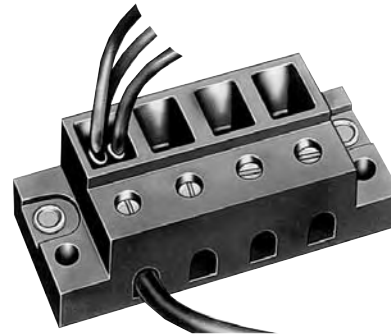
Torque Rating: 18 in.-lb.

Operating Temperature: 150°C

Design: Screw connections for field wiring. Quick connects reduce cost of internal wiring.

Breakdown Voltage:

Agency Information: UL/CSA; CE Certified



* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Series 11725

Quick-Connect Power Distribution Blocks

SPECIFICATIONS

Rating: 70A, 600V; UL/CSA

Poles: 2, 3 or 4 poles with (4) .250" quick-connect terminals per pole

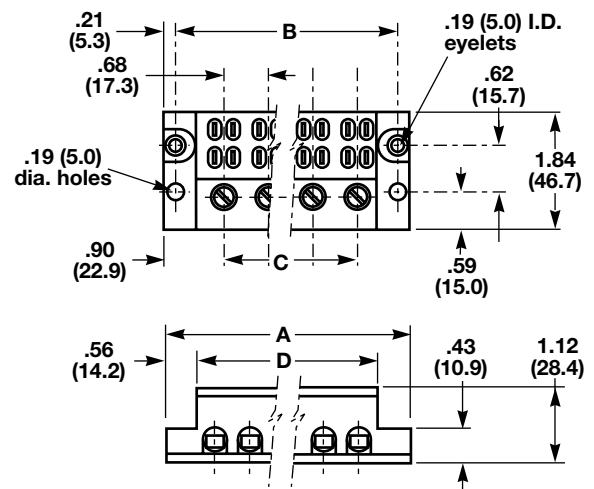
Wire Range: #2-14 AWG CU / #2-8 AWG AL

Torque Rating: 45 in.-lb.

Operating Temperature: 150°C

Design: Screw connections for field wiring. Quick connects reduce cost of internal wiring.

Agency Information: UL/CSA E62622; CE Certified



* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Series 14002

Barrier Terminal Blocks

SPECIFICATIONS

Rating: 115A, 600V

Poles: 2-6 poles

Wire Range: #2-14 AWG CU / #2-8 AWG AL

Torque Rating: 40-50 in-lb.

Operating Temperature: 150°C

Marking: Marking strip optional, consult factory.

Options: CP = pressure plate, rated 60A, 600V

Q = quick-connect, rated 50A, 600V

To order options, enter letter code in front of Part No.: ie; CP14002-2

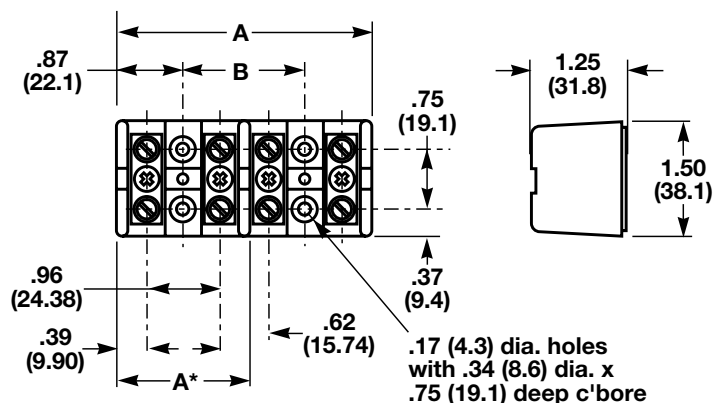
Breakdown Voltage:

Agency Information: UL/CSA; CE Certified

Part Number	A	B
14002-2	1.75	—
14002-3	2.37	—
14002-4	3.34	1.59
14002-5	3.96	2.21
14002-6	4.59	2.84

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Note: "A" dimension for 14002-2 & 14002-3 only. (14002-2 & 14002-3 have only two mounting holes.)



Series 14004

Dead Front Terminal Blocks

SPECIFICATIONS

Rating: 90A, 600V

Poles: 2 to 12 poles

Wire Range: #4-14 AWG CU / #4-8 AWG AL

Torque Rating: 4-6AWG 35 in-lb., 8AWG 25 in-lb., 10-14AWG 20 in-lb.

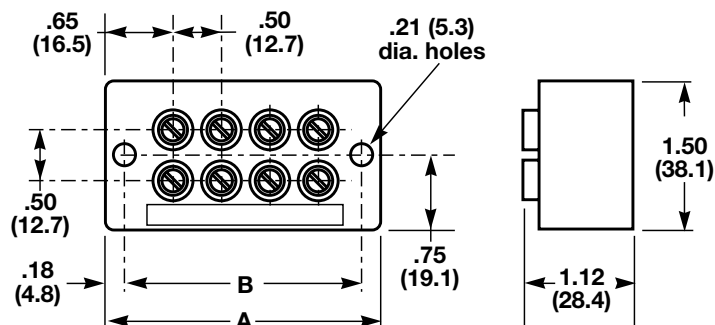
Operating Temperature: 75°C

Marking: Marking strip optional, consult factory.

Agency Information: UL/CSA; CE Certified

Part Number	A	B
14004-2	1.81	1.43
14004-3	2.31	1.93
14004-4	2.81	2.43
14004-5	3.31	2.93
14004-6	3.81	3.43
14004-7	4.31	3.93
14004-8	4.81	4.43
14004-9	5.31	4.93
14004-10	5.81	5.43
14004-11	6.31	5.93
14004-12	6.81	6.43

* Dimensions in inches. To convert to millimeters, multiply by 25.4.



Series 160, 162, 163 & 165

Splicer Terminal Blocks

SPECIFICATIONS

Rating: To 620A, 600V; UL/CSA. See table.

Materials: Molded material: Black,
UL rated 94V0 thermoplastic

Operating Temperature: 150°C

Marking: Marker strip is optional, consult factory.

Agency Information: UL 221592; General Industrial Class
per UL 1059; CSA LR053787; CE Certified

Covers: See page 137



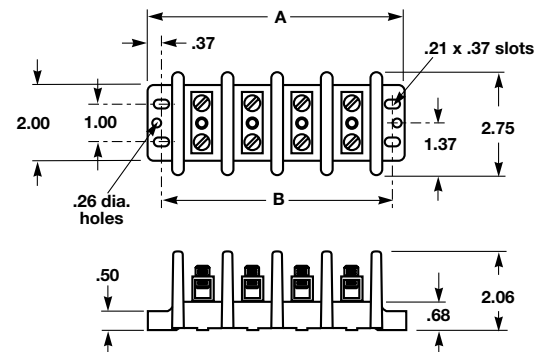
Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Approvals
*16000	2/0-#8CU-AL	2/0-#8CU-AL	AL-175A	UL -
*16003	250MCM-#6CU	250MCM-#6CU	CU-255A	UL -
*16005	350MCM-#6CU-AL	350MCM-#6CU-AL	AL-310A	UL -
16200	#2-#14CU/#8AL	#2-#14CU/#8AL	AL-115A	UL CSA
16201	1/0-#14CU	1/0-#14CU	CU-150A	UL CSA
16204	2/0-#8CU-AL	2/0-#8CU-AL	AL-175A	UL CSA
16301	250MCM-#6CU	250MCM-#6CU	CU-255A	UL CSA
16303	350MCM-#6CU-AL	350MCM-#6CU-AL	AL-310A	UL CSA
16306	500MCM-#6CU-AL	500MCM-#6CU-AL	AL-380A	UL CSA
16500	⁽¹⁾ 350MCM-#4CU-AL	⁽¹⁾ 350MCM-#4CU-AL	AL-620A	UL CSA
16504	⁽¹⁾ 500MCM-#6CU-AL	⁽¹⁾ 500MCM-#6CU-AL	AL-760A	UL CSA

* 160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers. See dimensional drawings.

⁽¹⁾ Openings per pole.

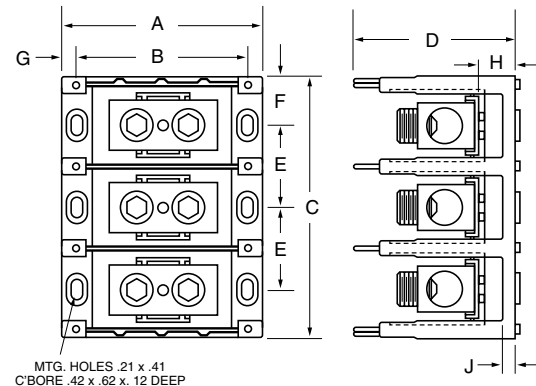
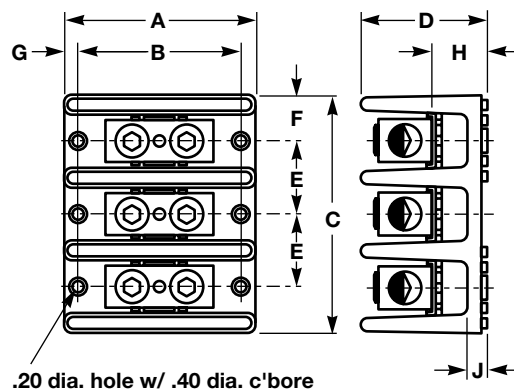
No. of Poles	A	B
--------------	---	---

2	4.12	3.62
3	5.37	4.87
4	6.62	6.12



Series	A	B	C 1-pole	C 2-pole	C 3-pole
162	2.87	2.25	1.06	1.87	2.68
163	4.00	3.37	1.98	3.60	5.21
165	5.50	4.75	3.12	5.81	8.50

Series	D	E	F	G	H	J
162	1.75	.81	.53	.31	.84	.31
163	3.32	1.62	.97	.31	.87	.35
165	3.12	2.68	1.56	.37	1.37	.62



Series 160, 162, 163 & 165

Power Distribution Blocks

SPECIFICATIONS

Rating: To 840A, 600V; UL/CSA. See table.

Materials: Molded material: Black,
UL rated 94V0 thermoplastic

Operating Temperature: 150°C

Marking: Marker strip is optional, consult factory.

Agency Information: UL 221592; General Industrial Class per
UL 1059; CSA LR053787; CE Certified

Covers: See page 137



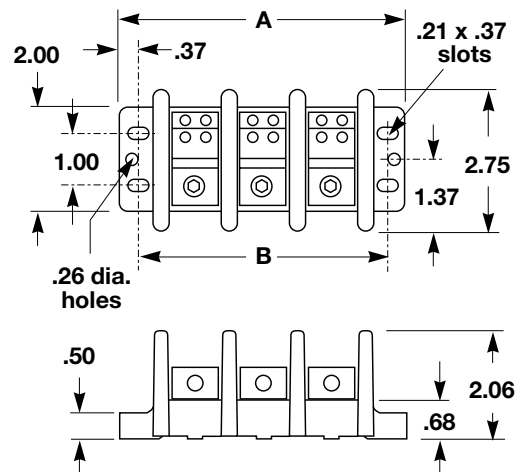
Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Approvals
*16021	2/0-#8CU-AL	(6)#4-14CU/#8AL	AL-175A	UL CSA
*16023	350MCM-#6CU-AL	(6)#4-14CU/#8AL	AL-310A	UL CSA
16220	2/0-#14CU/#8AL	(4)#4-14CU/#8AL	AL-175A	UL CSA
16321	2/0-#14CU-AL	(6)#4-14CU/#8AL	AL-175A	UL CSA
16323	350MCM-#6CU-AL	(6)#4-14CU/#8AL	AL-310A	UL CSA
16325	(2)2/0-#14CU/#8AL	(6)#4-14CU/#8AL	AL-350A	UL CSA
16330	500MCM-#6CU-AL	(6)#4-14CU/#8AL	AL-380A	UL CSA
16332	350MCM-#6CU-AL	(6)#4-14CU/#8AL	AL-310A	UL CSA
16335	500MCM-#6CU-AL	(3)1/0-#14CU/#8AL & (2)1/0-#14CU/#8AL	AL-380A	UL CSA
16370	350MCM-#6CU-AL	(12)#4-14CU/#8AL	AL-310A	UL CSA
16371	350MCM-#6CU-AL	(6)#2-14CU/#8AL	AL-310A	UL CSA
16372	350MCM-#6CU-AL	(3)1/0-#14CU/#8AL	AL-310A	UL CSA
16373	350MCM-#6CU-AL	(2)1/0-#14CU/#10AL	AL-310A	UL CSA
16375	600MCM-#2CU-AL	(14)#10-#14CU/#8AL	AL-420A	UL CSA
16376	600MCM-#2CU-AL	(12)#4-#14CU/#8AL	AL-420A	UL CSA
16377	(2)300MCM-#2CU-AL	(6)#2-#14CU-8AL	AL-570A	UL -
16528	(2)600MCM-#2CU-AL	(12)#4-#14CU/#8AL	AL-840A	UL CSA
16530	(2)500MCM-#6CU-AL	(4)3/0-#8CU-AL & (4)#4-#14CU/#8AL	AL-760A	UL CSA

* 160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers. See dimensional drawings.

(1) Openings per pole.

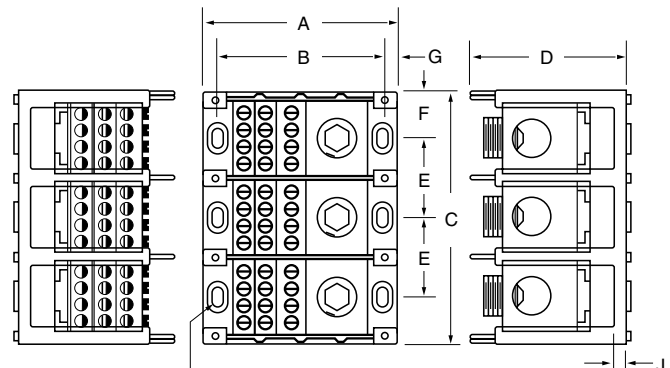
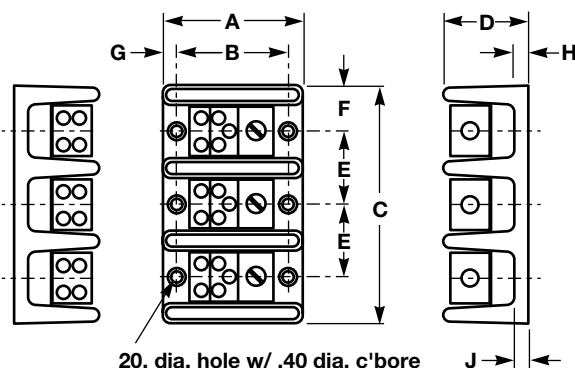
No. of Poles	A	B
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2	4.12	3.62
3	5.37	4.87
4	6.62	6.12



Series	A	B	C 1-pole	C 2-pole	C 3-pole
162	2.87	2.25	1.06	1.87	2.68
163	4.00	3.37	1.98	3.60	5.21
165	5.50	4.75	3.12	5.81	8.50

Series	D	E	F	G	H	J
162	1.75	.81	.53	.31	.84	.31
163	3.32	1.62	.97	.31	.87	.35
165	3.12	2.68	1.56	.37	1.37	.62



MTG. HOLES .21 x .41
C'BORE .42 x .62 x .12 DEEP

Series 162, 163 & 165

Connector/Stud Power Distribution Blocks

SPECIFICATIONS

Rating: To 760A, 600V; UL/CSA. See table.

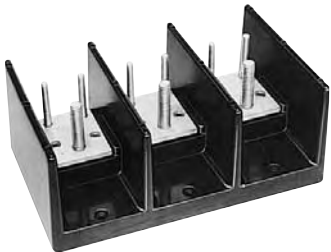
Materials: Molded material: Black, UL rated 94V0 thermoplastic

Operating Temperature: 150°C

Marking: Marker strip is optional, consult factory.

Agency Information: UL 221592; General Industrial Class per UL 1059; CSA LR053787; CE Certified

Covers: See page 137

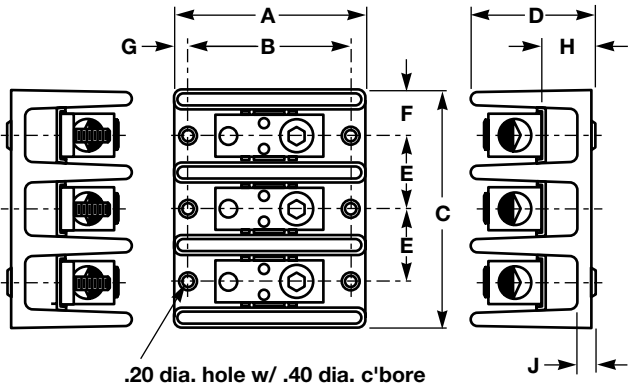
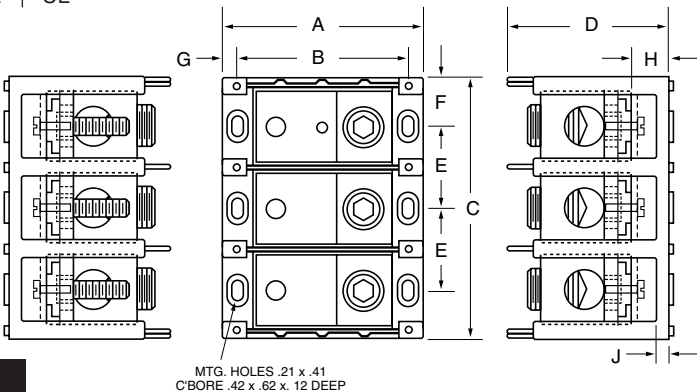


Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Approvals	
Connector to Stud					
16280	2/0-#14CU/#8AL	1/4-20x1/2 Stud	AL-175A	UL	CSA
16281	2/0-#14CU/#8AL	1/4-20 Tapped hole	AL-175A	UL	CSA
16378	500MCM-#6CU-AL	1/4-20x1 Stud	AL-380A	UL	CSA
16383	500MCM-#6CU-AL	(1)3/8-16x1 1/4 Stud	AL-380A	UL	CSA
16582	(2)500MCM-#6CU-AL	(2)3/8-16x1 5/8 Stud	AL-760A	UL	CSA
Stud to Stud					
16390	3/8-16x1 1/8 Stud	3/8-16x1 1/8 Stud	CU-250A	UL	CSA
16394	1/2-13x1 1/16 Stud	1/2-13x1 1/16 Stud	CU-400A	UL	CSA
16395	3/8-16x1 7/16 Stud	(2)1/4-20x9/16 Stud	CU-310A	UL	CSA
16591	3/8-16x1 7/16 Stud	(2)3/8-16x1 7/16 Stud	CU-400A	UL	-

¹⁾ Openings per pole.

Series	A	B	C 1-pole	C 2-pole	C 3-pole
162	2.87	2.25	1.06	1.87	2.68
163	4.00	3.37	1.98	3.60	5.21
165	5.50	4.75	3.10	5.79	8.48

Series	D	E	F	G	H	J
162	1.75	.81	.53	.31	.84	.31
163	3.32	1.62	.97	.31	.87	.35
165	2.93	2.68	1.55	.37	1.19	.44



Series EN

Power Blocks
1.78" Centers

SPECIFICATIONS

Rating: 285A, 600V; UL/CSA

Wire Range: Line Connection: #300MCM-#4 CU/AL
Load Connection: (6) #6-14AWG CU
(6) #8-14 AWG AL

Material: Molded material; Black, UL rated
94V-2 thermoplastic

Operating Temperature: 125°C

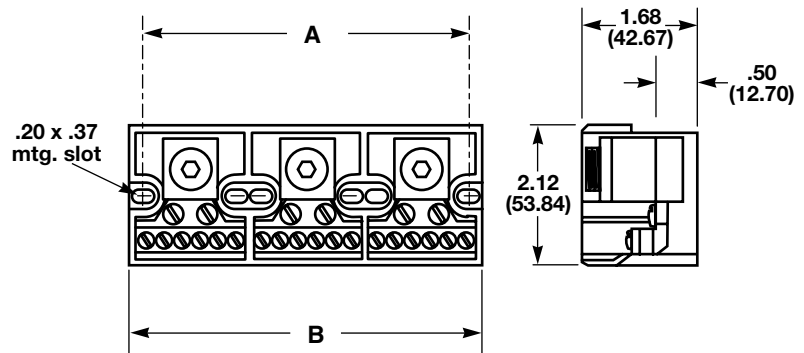
Torque Rating: 200 in-lb. line terminal, 20 in-lb. load terminal

Agency Information: UL/CSA; CE Certified

Covers: Not available



Series	A	B
EN61	1.38	1.78
EN62	3.15	3.62
EN63	4.93	5.37



Covers (160, 162, 165 Series)

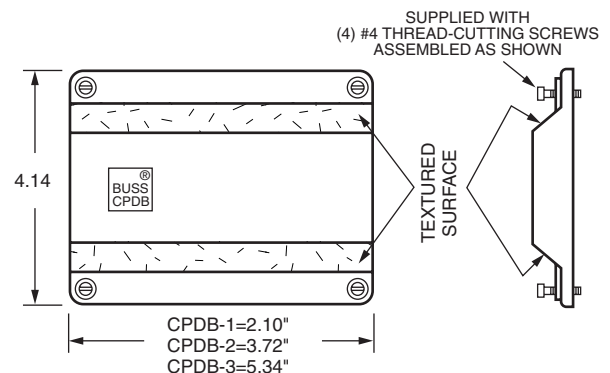
Part Numbering System

Series	
C P B	1 - One Pole Block (162,165 Series only)
160	2 - Two Pole Block
162	3 - Three Pole Block
165	4 - Four Pole Block (160 Series only)

Covers (163 Series)

Part Numbering System

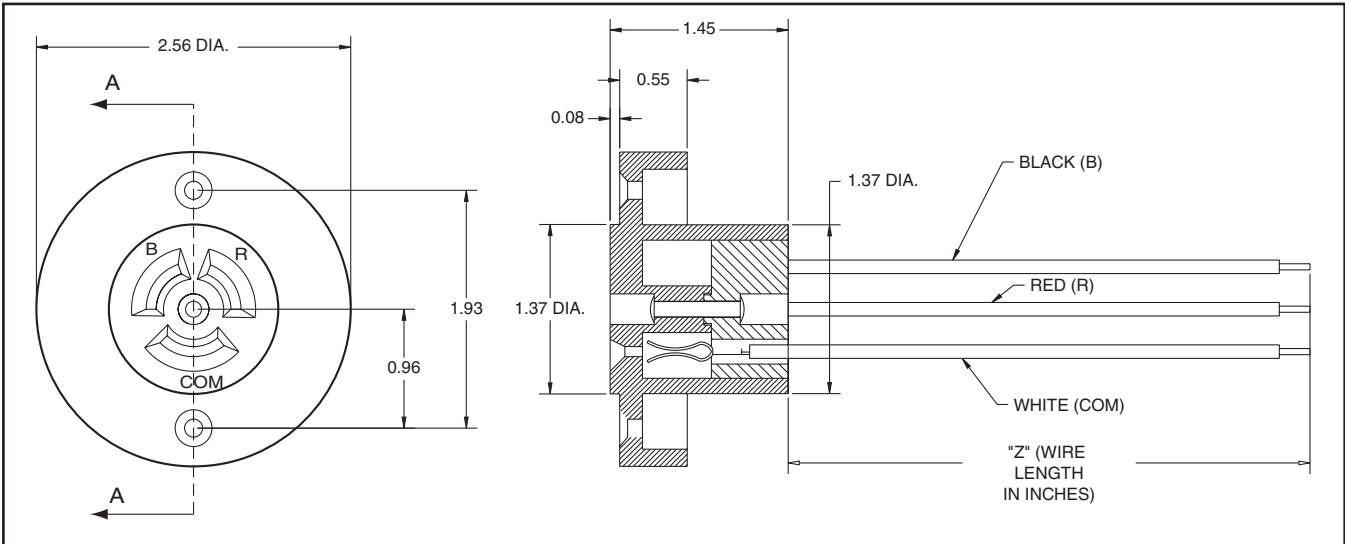
Series	
C P D B	1- One Pole Block
163	2- Two Pole Block
163	3- Three Pole Block



Clear with write on surface

Photo Control Receptacle Series
Wire Management Products

- 3-pole, 3-wire receptacles for plug-in, locking type photo controls used in outdoor areas and roadway lighting.
- Receptacle configuration, terminals and limiting dimensions are in accordance with Figure 3 of EE Pub. No. TDJ-146, NEMA Pub. No. SH 16-1962 and UL 773.
- Wire types and sizes ranging from #12 AWG through 16 AWG rated at 600V with temperature ratings from 105° to 200°C. Consult factory for other wire colors.
- Hook-up wires are an integral part of the assembly with lengths furnished to customer specification.
- UL recognized under file E65288 for a rating of 1 KW or 1800VA for potentials up to 480V.
- CSA certified under file LR21295 for 15 amps at 125V.
- CE Certified.



Part Numbering System

Series	Terminal Type	Wire Type	Wire Gauge	Wire Length
13661	W	See Table I	See Table II	Dimension "Z"
				* Min 4"

TABLE I (Wire Type)

Ass'y No.	Wire Description
13661-W1XX	Min. of 26 Strands, Copper Conductor, 125°C-600V Crosslinked Polyethylene.
13661-W2XX	Min. of 26 Strands, Copper Conductor, Silicone Rubber Insulation and Fiber Glass Braid Jacket, Nec. Type SFF-2(150°C)
13661-W3XX	Min. of 26 Strands, Copper Conductor, Type TW, 105°C-600V Insulation (16 gauge only)
13661-W4XX	Min. of 7 Strands, Copper Conductor of .0192 Silicone Rubber Insulation and Fiber Glass Braid Jacket, Nec. Type SF-2 (200°C)
13661-W5XX	Min of 19 Strands, Copper Conductor, Type AWM. 105°C-600V Insulation

TABLE II (Wire Gauge)

Ass'y No.	Wire Gauge
13661-W2XX	12 Gauge
13661-W4XX	14 Gauge
13661-W6XX	16 Gauge

Stud Type Junction Blocks (Non-Feed Thru)



Series C4559 & C6083

SPECIFICATIONS

Rating: 30A, 600V

Operating Temperature: 250°F (120°C)

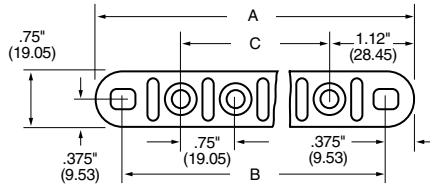
Standards: 2 to 16 steel studs with #10-24 threads on .750" centers and a "dog point" to guide nut onto thread.

Torque Rating: 20 in-lb (25 in-lb).

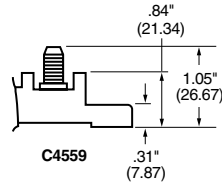
Marking: Numbers and arrows molded on top of barriers indicate terminals.

Approvals: UL/CSA; CE Certified

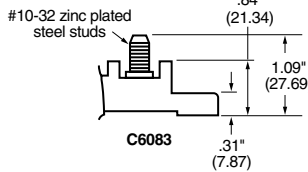
Dimensions



Other series available with .750" centers:



Mtg. holes 9/32"x 3/8" slot



(A,B,C Dimensions are the same as C4559)

Part No.	A	B	C
C4559-2	3.00 (76.2)	2.25 (57.1)	0.75 (19.0)
C4559-3	3.75 (95.2)	3.00 (76.2)	1.50 (38.1)
C4559-4	4.50 (114.3)	3.75 (95.2)	2.25 (57.1)
C4559-5	5.25 (133.3)	4.50 (114.3)	3.00 (76.2)
C4559-6	6.00 (152.4)	5.25 (133.3)	3.75 (95.2)
C4559-7	6.75 (171.4)	6.00 (152.4)	4.50 (114.3)
C4559-8	7.50 (190.5)	6.75 (171.4)	5.25 (133.3)
C4559-9	8.25 (209.5)	7.50 (190.5)	6.00 (152.4)
C4559-10	9.00 (228.6)	8.25 (209.5)	6.75 (171.4)
C4559-11	9.75 (247.6)	9.00 (228.6)	7.50 (190.5)
C4559-12	10.50 (266.7)	9.75 (247.6)	8.25 (209.5)
C4559-13	11.25 (285.7)	10.50 (266.7)	9.00 (228.6)
C4559-14	12.00 (308.4)	11.25 (285.7)	9.75 (247.6)
C4559-15	12.75 (323.8)	12.00 (308.4)	10.50 (266.7)
C4559-16	13.50 (342.9)	12.75 (323.8)	11.25 (285.7)



Series C5237 & JB1032

SPECIFICATIONS

Rating: UL: 30A, 300V; CSA: 30A, 600V.

Operating Temperature: 250°F (120°C)

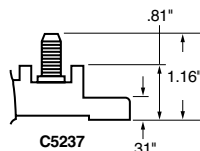
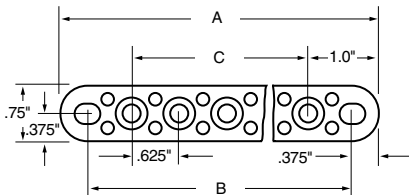
Standards: 1 to 15 brass studs on .625" centers with #10-32 thread and a "dog point" to guide nut onto thread.

Torque Rating: 20 in-lb (25 in-lb).

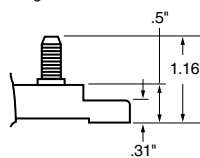
Marking: Numbers and arrows molded on top of barriers indicate terminals.

Approvals: UL/CSA; CE Certified

Dimensions



Mtg. holes 9/32"x3/8" slot



JB1032-120-XX

(No bosses between studs)

(A,B,C Dimensions are the same as C5237)

Part No.	A	B	C
C5237-1	2.00 (50.8)	1.25 (31.7)	-
C5237-2	2.62 (66.7)	1.87 (47.5)	.625 (15.9)
C5237-3	3.25 (82.5)	2.50 (63.4)	1.25 (31.7)
C5237-4	3.87 (98.4)	3.12 (79.4)	1.87 (47.5)
C5237-5	4.50 (114.3)	3.75 (95.2)	2.50 (63.4)
C5237-6	5.12 (130.8)	4.37 (111.1)	3.12 (79.4)
C5237-7	5.75 (146.0)	5.00 (127.0)	3.75 (95.2)
C5237-8	6.37 (161.9)	5.62 (142.9)	4.37 (111.1)
C5237-9	7.00 (177.8)	6.25 (158.7)	5.00 (127.0)
C5237-10	7.62 (193.7)	6.87 (174.6)	5.62 (142.9)
C5237-11	8.25 (209.5)	7.50 (190.5)	6.25 (158.7)
C5237-12	8.87 (225.4)	8.12 (206.4)	6.87 (174.6)
C5237-13	9.50 (241.3)	8.75 (222.2)	7.50 (190.5)
C5237-14	10.12 (257.2)	9.37 (238.1)	8.12 (206.4)
C5237-15	10.75 (273.0)	10.00 (254.0)	8.75 (222.2)

Stud Type Junction Blocks

SPECIFICATIONS

Material: Studs on non-feed-thrus are steel plated; feed-thrus are copper alloy.

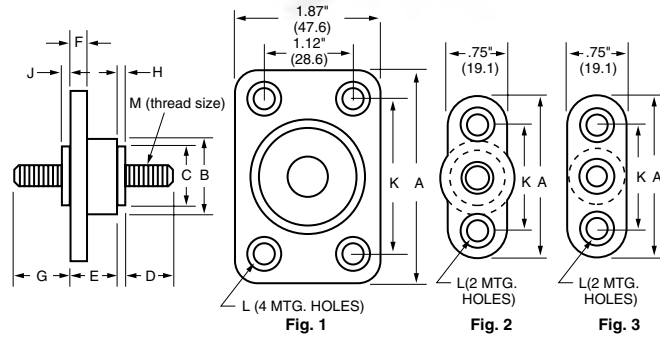
Applications: Heavy-duty ground or power connection points in AC or DC circuits. Feed-thru or stand alone mount options available for transformers, communication and computer power sections along with various vehicle electrical systems.

Benefits: Modular design offers design and manufacturing flexibility.

Suggested Max. Termination Ratings:

Thread/Stud Sz.	Amperages
#10	50 Amps
#1/4 & M6	100 Amps
#5/16	200 Amps
#3/8	250 Amps
#1/2	400 Amps

Dimensions

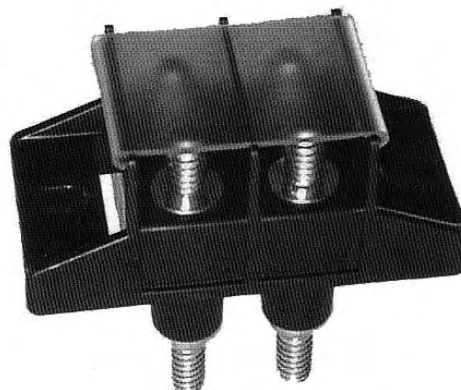


Part	Fig.	A	B	C	D	E	F	G	H	J	K	L	M	Material	Color
C1925*	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	1/2-13	Thermoplastic / Zinc plated Brass	Red
C1925B	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	1/2-13	Thermoplastic / Zinc plated Brass	Black
C1925-1	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	1/2-13	Thermoplastic / Tin plated Brass	Red
C1925-1B	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	1/2-13	Thermoplastic / Tin plated Brass	Black
C1925-2	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	3/8-16	Thermoplastic / Tin plated Brass	Red
C1925-2B	1	2.75 (69.8)	1.5 (38.1)	1.25 (31.7)	1.25 (31.7)	1.12 (28.6)	.37 (9.5)	1.12 (28.6)	.19 (4.8)	.19 (4.8)	2.0 (50.8)	.22 dia. w/.44 dia. C'bore x .16 deep	3/8-16	Thermoplastic / Tin plated Brass	Black
C1933	1	2.75 (69.8)	1.44 (36.6)	1.25 (31.7)	1.5 (38.1)	1.12 (28.6)	.37 (9.5)	None	.19 (4.8)	None	2.0 (50.8)	.22 dia.	1/2-13	Thermoplastic / Zinc plated Brass	Black
C1933-1	1	2.75 (69.8)	1.44 (36.3)	1.25 (31.7)	1.5 (38.1)	1.12 (28.6)	.37 (9.5)	None	.19 (4.8)	None	2.0 (50.8)	.22 dia.	5/16-18	Thermoplastic / Zinc plated Brass	Black
C1938*	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.87 (22.2)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Zinc plated Brass	Black
C1938R	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Zinc plated Brass	Red
C1938-1	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	5/16-18	Thermoplastic / Tin plated Brass	Black
C1938-1R	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.87 (22.2)	.69 (17.5)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	5/16-18	Thermoplastic / Tin plated Brass	Red
C2791*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.62 (15.9)	.69 (17.5)	.31 (7.9)	.69 (17.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	1/4-20	Thermoplastic / Zinc plated Brass	Black
C2791R*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.62 (15.9)	.69 (17.5)	.31 (7.9)	.69 (17.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	1/4-20	Thermoplastic / Zinc plated Brass	Red
C2909*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.62 (15.9)	1.0 (25.4)	.31 (7.9)	.69 (17.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	10-32	Thermoplastic / Zinc plated Brass	Black
C2909-1*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.62 (15.9)	1.0 (25.4)	.31 (7.9)	.69 (17.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	1/4-20	Thermoplastic / Zinc plated Brass	Black
C4044*	2	2.06 (52.4)	.87 (22.2)	.62 (15.9)	.62 (15.9)	1.12 (28.6)	.31 (7.9)	.87 (22.2)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Zinc plated Brass	Black
C4044-1	2	2.06 (52.4)	.87 (22.2)	.62 (15.9)	.62 (15.9)	1.12 (28.6)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Tin plated Brass	Red
C4044-1R	2	2.06 (52.4)	.87 (22.2)	.62 (15.9)	.62 (15.9)	1.12 (28.6)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Tin plated Brass	Red
C6344-2	2	2.06 (52.4)	.87 (22.2)	.62 (15.9)	.62 (15.9)	1.12 (28.6)	.31 (7.9)	.94 (23.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Zinc plated Brass	Black
C7018*	3	2.06 (52.4)	.69 (17.5)	.44 (11.2)	.47 (11.9)	.69 (17.5)	.31 (7.9)	.53 (13.5)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	M6	Thermoplastic / Zinc plated Brass	Black
C7020	2	2.06 (52.4)	.94 (23.8)	.69 (17.5)	.88 (22.2)	.69 (17.5)	.31 (8.0)	1.25 (31.8)	.06 (1.6)	.06 (1.6)	1.31 (33.3)	.22 dia. w/.41 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Zinc plated Brass	Black
JB3816-2	2	2.12 (54.0)	1.0 (25.4)	.62 (15.9)	.94 (23.8)	.69 (17.5)	.31 (7.9)	None	.06 (1.6)	None	1.37 (34.9)	.22 dia. w/.37 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Zinc plated Brass	Black
JB3816-3	2	2.12 (54.0)	1.0 (25.4)	.62 (15.9)	.94 (23.8)	.69 (17.5)	.31 (7.9)	None	.06 (1.6)	None	1.37 (34.9)	.22 dia. w/.37 dia. C'bore x .14 deep	3/8-16	Thermoplastic / Zinc plated Brass	Red

*Feed-thru Options - Nuts & washers; consult factory.

Power Feed Thru Terminal Block

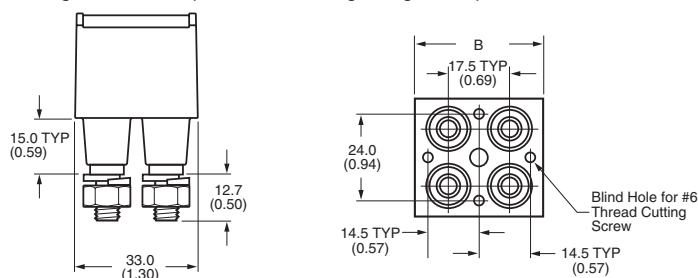
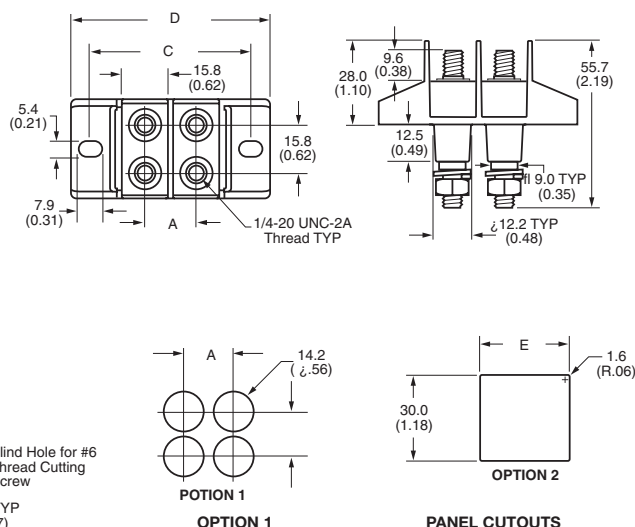
The C7021 is manufactured using a durable UL 94V-0 thermoplastic in order to minimize barrier breakage. The block can be mounted using four #6 thread cutting screws that mount from the backside or using the optional mount ends to secure the block to the panel from the front. Additional hardware and optional dead-front covers (Part No. CSB7021-XX) are also available.



The C7021 terminal block is intended for use in applications requiring up to 175A utilizing a 2-hole compression lug on 5/8" centers. It is ideal for use as an input/output block for telecommunications power panels, or anywhere in which -eliminating busbars would be an advantage.

Agency Information: UL/CSA; CE Certified

Part No.	A	B	C	D	E
C7021-01-X					
C7021-02-X	17.5 (0.69)	-	54.4 (2.14)	67.3 (2.65)	31.8 (1.25)
C7021-03-X	34.9 (1.37)	-	70.9 (2.83)	84.8 (3.34)	49.2 (1.94)
C7021-04-X	52.3 (2.06)	-	89.3 (3.52)	102.2 (4.02)	66.7 (2.63)
C7021-05-X	69.8 (2.75)	-	106.8 (4.20)	119.7 (4.71)	84.2 (3.31)
C7021-06-X	87.2 (3.44)	-	124.2 (4.89)	134.1 (5.40)	101.7 (4.00)
C7021-01N-X					
C7021-02N-X	17.5 (0.69)	36.1 (1.42)	-	-	31.8 (1.25)
C7021-03N-X	34.9 (0.69)	53.5 (2.11)	-	-	49.2 (1.94)
C7021-04N-X	52.3 (2.06)	71.0 (2.80)	-	-	66.7 (2.63)
C7021-05N-X	69.8 (2.75)	88.4 (3.48)	-	-	84.2 (3.31)
C7021-06N-X	87.2 (3.44)	105.9 (4.17)	-	-	101.7 (4.00)



Inches (Millimeters)

Series	Poles	Mount Ends	Studs	Hardware
C7021	— 		 —	
	01 – 1 pole (2 studs) 02 – 2 pole (4 studs) 03 – 3 pole (6 studs) 04 – 4 pole (8 studs) 05 – 5 pole (10 studs) 06 – 6 pole (12 studs)	Blank – Mount ends N – No mount ends	Blank – Standard 1/4 – 20 studs M6 – M6 studs	Blank – No hardware 0 – Bulk pack, one set 1 – Bulk pack, two sets 2 – Assembled, bottom 3 – Assembled, top 4 – Assembled, both sets

Series C7024

Power Feed Thru Terminal Block

MAGNUM® is pleased to introduce a UL and CUL recognized, power feed through terminal block. The C7024 Series block has rows of two 1/4-28 studs which are capable of accommodating the industry standard two-hole compression lugs on 3/4" centers. The block is rated at 600V 115A.

The C7024 is manufactured using a durable UL 94V-0 thermoplastic in order to minimize barrier breakage.

APPLICATIONS

The C7024 terminal block is intended for use in applications requiring up to 115A utilizing a 2-hole compression lug on 3/4" centers. It is ideal for use as an input/output block for telecommunications power panels, or anywhere in which -eliminating busbars would be an advantage.

SPECIFICATIONS

Ratings: 115A per pole, 600V.

Center Spacing: 0.75" (19.1mm)

Wire Range: #2-8 AWG

Number of Poles: 1-12

Bolt Hole Spacing: 0.75" (19.1mm)

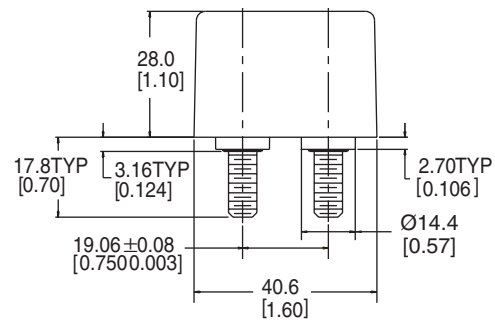
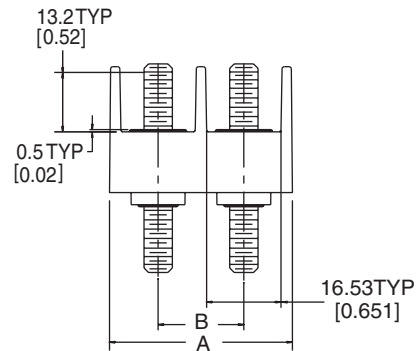
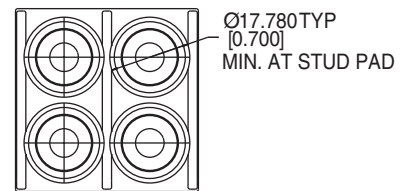
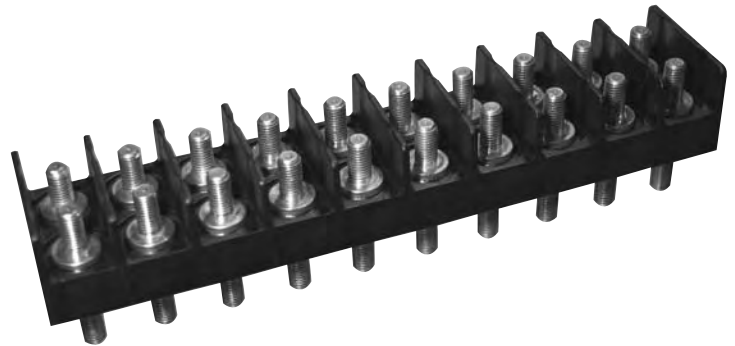
Stud: Standard 1/4-28 stud

Stud Material: Tin Plated Bronze.

Torque Rating: 36 in-lb

Operating Temperature: 130°C

Agency Information: UL/CSA; CE Certified



Part Number	"A" Dimension ±0.4(±0.02)	"B" Dimension
C7024-01	21.6(0.85)	-
C7024-02	40.6(1.60)	19.05±0.08(0.750±0.003)
C7024-03	59.7(2.35)	38.10(1.500)
C7024-04	78.7(3.10)	57.15±0.26(2.250±0.010)
C7024-05	97.8(3.85)	76.2(3.00)
C7024-06	116.8(4.60)	95.25±0.26(3.750±0.010)
C7024-07	135.9(5.35)	114.30±0.38(5.250±0.015)
C7024-08	154.9(6.10)	133.35±0.38(5.25±0.015)
C7024-09	174.0(6.85)	152.40±0.38(6.00±0.015)
C7024-10	193.0(7.60)	171.45±0.38(6.750±0.015)
C7024-11	212.1(8.35)	190.50±0.38(7.500±0.015)
C7024-12	231.1(9.10)	209.55±0.38(8.250±0.015)

Part Numbering System

Inches (Millimeters)

Series

C 7 0 2 4

Poles

— □ □

01 - 12

Series 15133

Depluggable PCB Mount
Terminal Blocks

SPECIFICATIONS

Rating: 20A, 300V

Center Spacing: .375" or 3/8" (9.52 mm)

Wire Range: #12-22 AWG

PC Board: For soldering to PCB (.00015" tin over copper flash)

Material: Black, UL Rated 94V0 Thermoplastic

Screws: #6-32 Zinc plated steel SEMS

Torque Rating: 12 in-lb

Terminals: 15133-XX-10-X – Tin or gold plated brass
15133-XX-20-X – Nickel or gold plated copper alloy plug terminal, tin or gold plated female terminal

Operating Temperature: 221°F (105°C)

Agency Information: UL/CSA; CE Certified

The 15133 is a series of input/output circuit board connectors. Available in a 1-piece or 2-piece design, they stack side-by-side with self-aligning housings to prevent incorrect mating. Both designs feature an integral, living hinge cover that saves the labor of attaching a separate cover. The cover provides a dead front for prevention of electrical accidents, yet it also has test probe holes for easy circuit testing.

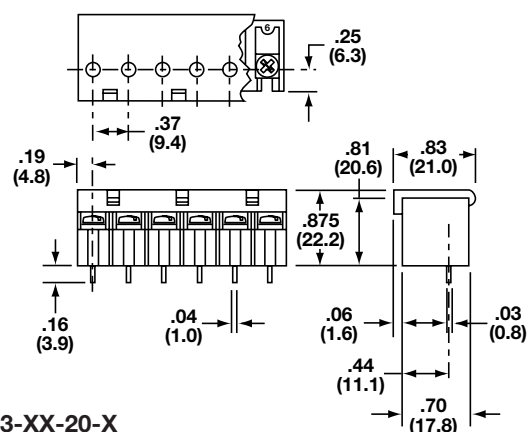
The 1-piece design is for applications not requiring unplugging the connector. It solders to the printed circuit board. Molded stand-offs ensure good solderability.

The 2-piece design enables quick connect and disconnect of several circuits at once. It allows fast board changing in the field without shutting down the entire system. The bottom section of the connector solders to the board. Male contacts are shrouded while the female has stand-offs; both are molded into the block. The top section of the connector plugs into the bottom section.

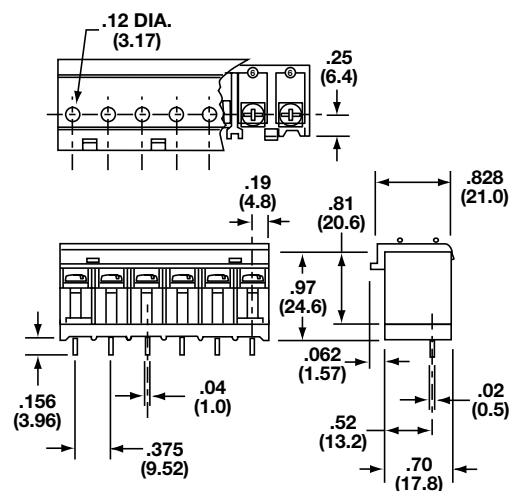


15133-06-20-T

15133-XX-10-X



15133-XX-20-X



Part Numbering System

Inches (Millimeters)

Series

1 5 1 3 3

Poles

02 to 10

Style

1 - One piece
2 - Two piece

Mounting

0 - No mtg. holes

Terminal Plating

T - Tin
G - Gold*

* Consult Factory

Series 1384X

Edge Connectors –
1 Sided Boards/Vertical Mount

SPECIFICATIONS

Rating: 10A, 250V

Center Spacing: .375" or 3/8" (9.52 mm)

Wire Range: #14-22 AWG CU; entry to PC board at 90° angle.

PC Board: Edge contact accepts standard 1/16" (.0625) PCB.

Contacts: Cantilever design .020" thick phosphorus bronze with mating surface tin plated (.000200) over copper (.000050).

Terminals: Pressure plate terminals.

Material: Black, UL Rated 94V0 Thermoplastic (125°C)

Operating Temperature: -55°C to 105°C (212°F)

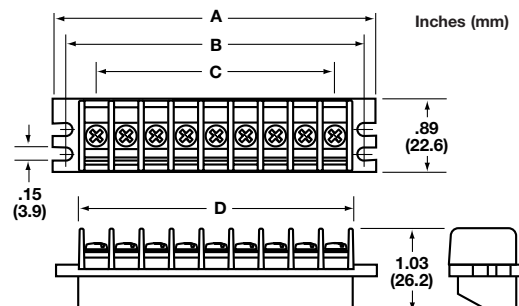
Agency Information: UL/CSA; CE Certified

13848-08G02B

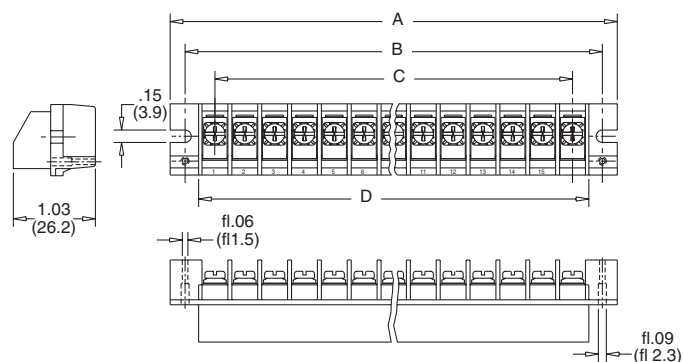


13847-08T02B

13847 Series



13848 Series



Poles	A	B	C	D
04	2.25	1.87	1.12	1.53
05	2.62	2.25	1.50	1.90
06	3.00	2.62	1.87	2.28
07	3.37	3.00	2.25	2.65
08	3.75	3.37	2.62	3.03
09	4.12	3.75	3.00	3.40
10	4.50	4.12	3.37	3.78
11	4.87	4.50	3.75	4.15
12	5.25	4.87	4.12	4.53
13	5.62	5.25	4.50	4.90
14	6.00	5.62	4.87	5.28
15	6.37	6.00	5.25	5.65
16	6.75	6.37	5.62	6.03

* Dimensions in inches. To convert to millimeters, multiply by 25.4.
Optional polarizing key (Part No. C5971) consult with factory.

Part Numbering System

Inches (Millimeters)

Series	Block Style	Poles	Terminal Plating	Screw Style	Block Color	Special Options
1384	 		 	02	B	
	7 - Flat mtg. ears w/ 2 slots 8 - Mtg. ears w/2 standoffs with hole for mounting strip	04 to 16	T - Tin over copper G - Gold*	02 - #6-32 pan head. w/ SEMS wire clamp	B - Black	M - Marking strip

* Consult Factory

Series 15104

Edge Connectors – 1 Sided Boards / Right Angle Mount

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: .375" or 3/8" (9.52 mm)

Wire Range: #12-22 AWG CU

Screw Size: #6-32

Torque Rating: 12 in-lb

Terminals: Pressure plate terminals with screws set at 45° or 90° angle

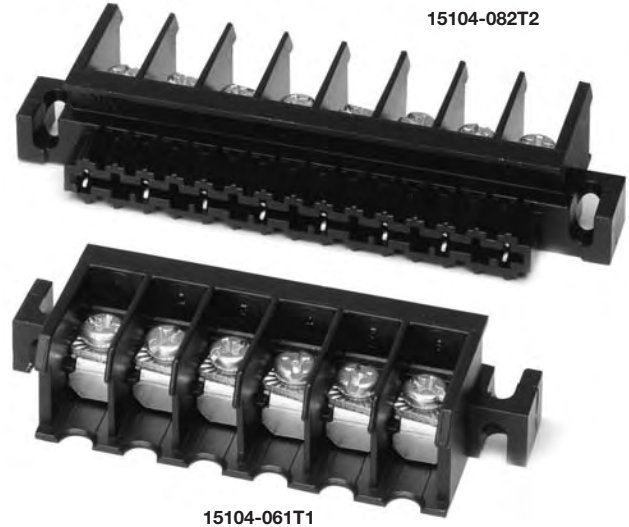
PC Board: Edge contact accepts standard 1/16" (.0625) PCB

Contacts: Tuning fork design of .021" thick phosphorus bronze with .0001" bright tin plating

Material: Black, UL Rated 94V0 Thermoplastic

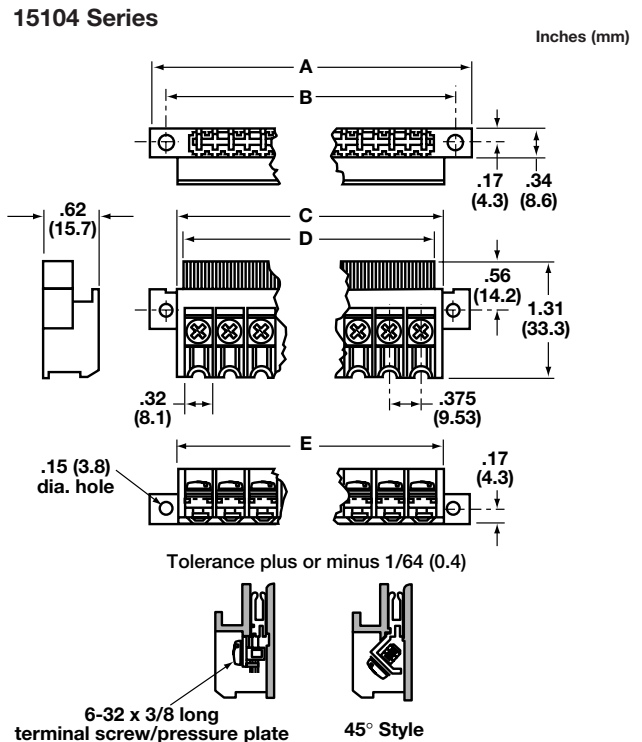
Operating Temperature: 95°C max.

Agency Information: UL/CSA; CE Certified



Poles	A	B	C	D	E	Board Width
06	3.00	2.62	2.00	2.16	2.36	1.99
08	3.75	3.37	2.75	2.91	3.11	2.74
10	4.50	4.12	3.50	3.66	3.86	3.49
12	5.25	4.87	4.25	4.41	4.61	4.24
14	6.00	5.62	5.00	5.16	5.36	4.99
16	6.75	6.37	5.75	5.91	6.11	5.74
18	7.50	7.12	6.50	6.66	6.86	6.49
20	8.25	7.87	7.25	7.41	7.61	7.23
22	9.00	8.62	8.00	8.16	8.36	7.98
24	9.75	9.37	8.75	8.91	9.11	8.73
26	10.50	10.12	9.50	9.66	9.86	9.48
28	11.25	10.87	10.25	10.41	10.61	10.23

* Dimensions in inches. To convert to millimeters, multiply by 25.4.
Integral standoffs for mounting marker strips - consult factory.



Part Numbering System

Series

1 5 1 0 4

Poles

06 to 28 (Increments of 2)

Terminal

1 - 90° angle
2 - 45° angle

Plating

T - Tin
G - Gold*

Screw

1 - #6-32 pan head. w/wire clamp

* Consult Factory

Cooper Bussmann Compliance References

UL and CSA Compliance

Magnum Terminal Blocks comply fully with UL 1059 and CSA 2.2 No. 158 Terminal Blocks standards, and UL 94V-0 self-extinguishing flammability classification. The blocks are recognized under UL file number E62622 and certified under CSA certification record LR15364. Note: Ratings higher than those listed are possible and can vary, depending on the application. Requests for higher ratings are considered on an individual basis.

UL1059 & CSA 22.2 No. 158 Voltage Rating

Voltage ratings of terminal blocks are based on the minimum spacing between electrically conductive parts and a minimum withstand voltage. The spacings are measured under two conditions: 1) through air, defined as the shortest distance an arc must travel through an air path from one electrically conductive part to another at opposite polarity or from an electrically conductive part to a grounded surface; and 2) over surface, defined as the shortest distance an arc must travel as it tracks along the surface of an insulating material from one electrically conductive part to another at opposite polarity or from an electrically conductive part to a grounded surface. The withstand voltage, termed dielectric withstand, is dependent on the voltage rating. The value is 1000V plus twice the rated voltage for one minute. This is tested under both conditions listed above. The following chart shows the UL 1059 and CSA 22.2 No. 158 spacing requirements, in inches.

IEC Compliance

Most Magnum Terminal Blocks comply with the requirements in IEC Publication 60947-7-1 Terminal Blocks for Copper Conductors. These blocks are concurrently recognized and certified under the UL Classification Program. Ratings, except where indicated, are concurrent with UL 1059.

ISO

In 1994, Cooper Bussmann achieved certification to ISO9001, the most stringent set of quality system standards set forth by the international organization for standards. Currently all manufacturing facilities servicing Magnum Terminal Blocks have ISO9000 certification. We are committed to quality performance at all levels of the organization.

CE

In 1998, Cooper Bussmann received CE certification on all Magnum products. For terminal blocks, CE is a self-certification mark applied to products that have met safety and performance requirements set forth by the European Union (EU). This mark is required for free movement of product in the European market.

Application	Voltage Rating	Spacing Through Air	Spacing Over Surface
CLASS A Service equipment, including dead-front switchboards, panelboards, service entrance devices, etc.	51 - 150 151 - 300 301 - 600	.50 .75 1.00	.75 1.25 2.00
CLASS B Commercial appliances, including business equipment, electronic data processing equipment, etc.	51 - 150 151 - 300 301 - 600	.06 .09 .38	.06 .09 .50
CLASS C General industrial, including machine tool controls, which can further be defined as equipment governed by UL508.	51 - 150 151 - 300 301 - 600	.13 .25 .38	.25 .38 .50
CLASS D Industrial devices having limited ratings.	51 - 300 301 - 600	.06 .19	.13 .38

Magnum Series	51-150 Volts	CLASS A 151-300 Volts	301-600 Volts	51-150 Volts	CLASS B 151-300 Volts	301-600 Volts	51-150 Volts	CLASS C 151-300 Volts	301-600 Volts	51-300 Volts	301-600 Volts
A/CB1000					X		X			X	
A/CB2000					X			X			
LP2000					X		X				
A/CB3000						X			X		
LP3000					X		X				
A/B4000	X					X			X		
A/CB5000					X		X			X	
7000				X			X				
TB100					X		X			X	
TB200					X			X			X
TB200HB						X			X		X
TB300						X			X		X
TB400						X			X		

CUSTOM PRODUCTS

For over 50 years, MAGNUM's key strength has been designing custom products for the electronic and electrical markets.

Once a product need is identified, an innovative team of design engineers works closely with the customer to discuss their needs. This enables our team to design and develop custom products tailored to meet specific customer requirements.

MAGNUM helps you get a jump on the competition!

By utilizing an in-house Model Shop and state-of-the-art technology such as advanced computer aided design (CAD) and ProE, MAGNUM has the ability to reduce the time it takes to move from a concept to a prototype. Functional prototypes are available in weeks, not months, which enables our customers to get a jump on their competition.

MAGNUM also utilizes a complete in-house UL and CSA qualified testing facility. This saves our customers valuable time and money by eliminating the costly expense and red tape involved in gaining agency approvals.

Over the years, MAGNUM engineers have registered hundreds of patents. The following are a few examples of custom products the MAGNUM team has developed for our valued customers:



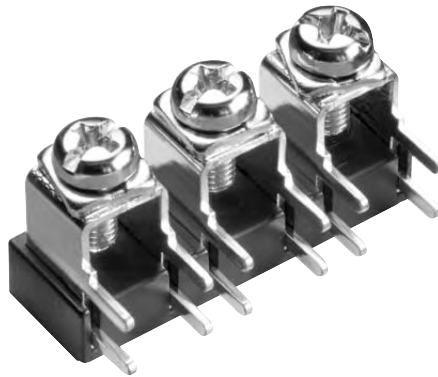
Device Net Connector

This unique connector allows for the control and communications for Motor Control Centers via “plug and play” and helps in reducing factory down-time. The connector has a unique insulation displacement mechanism that allows the “piercing” of the cable to establish contact for the MCC manufacture. For the end-user, this connector provides a quick Euro-style connection for the interface.



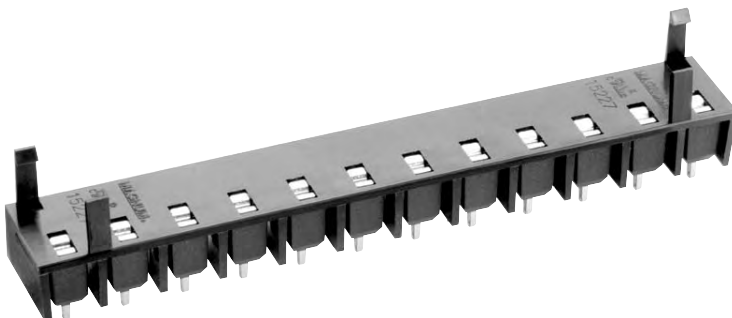
Y-Header

This custom pluggable terminal block was based on the EuroMag style connectors. The ability to have one connection point splitting into two outputs with one device saves cost and space.



Custom Screw Terminal Assembly

This custom screw terminal product is used in a residential garage door application offering the customer more than one wire connection per position and saved the customer considerable labor and overhead costs when assembling to the printed circuit board.



Riser Block

This socket header was designed to mate with a Magnum A1000 series single row terminal block in a commercial security/alarm type application.

***Look for other reliable products
from Cooper Bussmann at . . .***

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