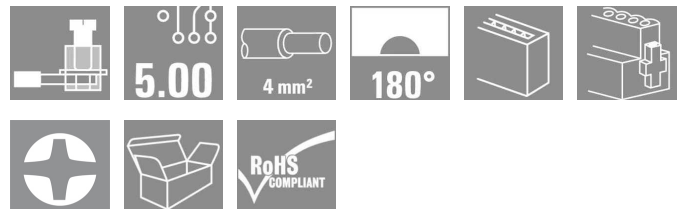


OMNIMATE Signal - series BL/SL 5.00

BLZP 5.00/12/180F SN BK BX

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Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded. Can be fastened with flange or release latch. They also feature the integrated plus/minus screw, protection from under insertion of wire, and are delivered with open clamping yoke.

- 0.2 – 2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	BLZP 5.00/12/180F SN BK BX
Order No.	1955930000
Version	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 4 mm ² , Box
GTIN (EAN)	4032248634507
Qty.	24 pc(s).
Product data	IEC: 400 V / 19 A / 0.2 - 4 mm ² UL: 300 V / 15 A / AWG 30 - AWG 12
Packaging	Box

Creation date February 3, 2014 10:32:30 PM CET

OMNIMATE Signal - series BL/SL 5.00

BLZP 5.00/12/180F SN BK BX

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Technical data

Dimensions and weights

Net weight 22.9 g

System parameters

Product family	OMNIMATE Signal - series BL/SL 5.00	Wire connection method	Clamping yoke connection
Conductor outlet direction	180°	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 inch	No. of poles	12
Screwdriver blade	0.6 x 3.5, PH 0, PZ 0	Screwdriver blade standard	DIN 5264, ISO 8764/2-PH, ISO 8764/2-PZ
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	7 mm
L1 in mm	55 mm	L1 in inches	2.165 inch
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	PBT	Colour	Black
Colour chart (similar)	RAL 9011	UL 94 flammability rating	V-0
CTI	≥ 200	Contact material	Cu-Leg
Contact surface	tinned		

Connectable conductors

Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	4 mm ²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	4 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	4 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.4 mm		

DIN IEC rating data

Rated current, min. no. of poles (T _u =20°C)	19 A	Rated current, max. no. of poles (T _u =20°C)	15.5 A
Rated current, number of poles (T _u =40°C), min	16 A	Rated current, number of poles (T _u =40°C), max.	13 A
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated voltage for surge voltage class pollution degree III/2	320 V
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage class pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1 s with 120 A		

OMNIMATE Signal - series BL/SL 5.00
BLZP 5.00/12/180F SN BK BX

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Technical data**CSA rating data**

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B) 15 A

Rated voltage (Use group C) 50 V

Rated voltage (use group D) 300 V

Rated current (use group D) 15 A

Wire cross-section, AWG, min. AWG 30

Wire cross-section, AWG, max. AWG 12

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 15 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 30

Wire cross-section, AWG, max. AWG 12

Classifications

UNSPSC 30-21-18-01

eClass 6.2

27-26-07-04

eClass 7.1 27-44-04-02

Notes

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

Approvals



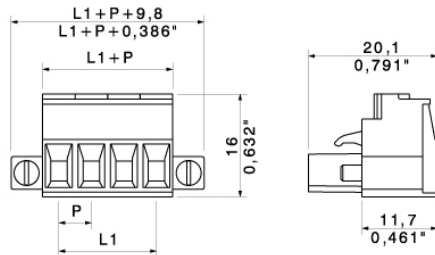
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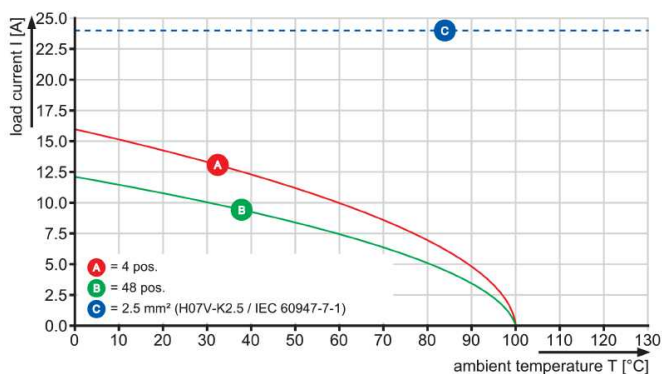
OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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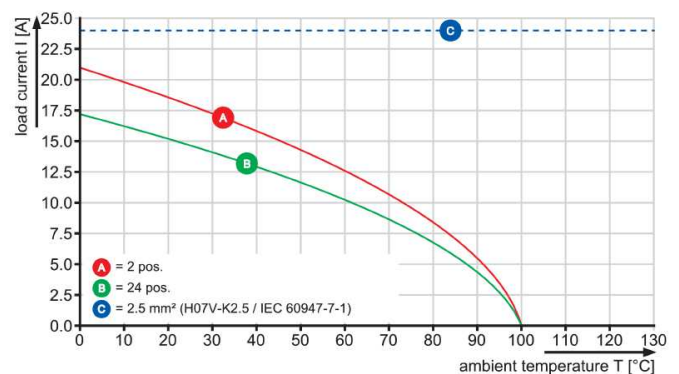
Drawings



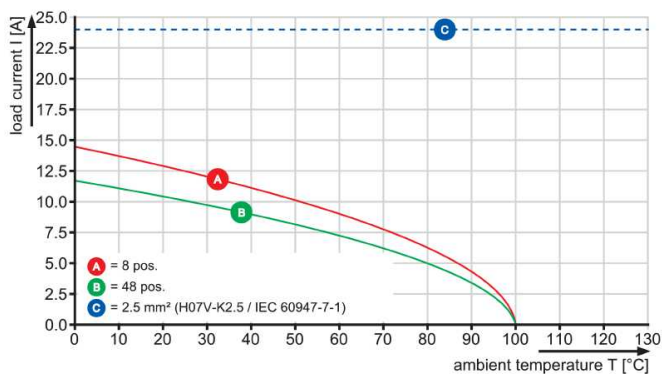
BLZP 5.00/..180 - SLD 5.00/..90G



BLZP 5.00/..180 - SL 5.00/..90



BLZP 5.00/..180 - SLDV-THR 5.00/..180



OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (fully pluggable)

SLDV-THR 5.00/180F



High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR 5.00/24/180F 3.2SN BK BX	1881370000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 24, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248482726	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.00/24/180F 1.5SN BK BX	1895330000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 24, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248510054	10 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box

SL-SMT 5.00/180LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.00/12/180LF 3.2SN BK BX	1841490000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248352395	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.00/12/180LF 1.5SN BK BX	1796880000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 12,	4032248237500	50 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (fully pluggable)

180°, Solder pin length (l):
1.5 mm, tinned, Black, Box

SL-SMT 5.08/90LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1780510000	PCB plug-in connector,	4032248165834	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/12/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 12,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
SL-SMT	1775332001	PCB plug-in connector,	4032248157310	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/12/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.08 mm, No. of poles: 12,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				

SLDV-THR 5.00/180FLF



High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR	1895560000	PCB plug-in connector,	4032248510306	10 pc(s).	IEC: 400 V / 15 A	Box
5.00/24/180FLF		male header, Flange /			UL: 300 V / 10 A	
1.5SN BK BX		Solder flange, Reflow solder				
		connection, 5.00 mm, No.				
		of poles: 24, 180°, Solder				
		pin length (l): 1.5 mm,				
		tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (fully pluggable)

SLDV-THR	1883200000	PCB plug-in connector,	4032248487578 10 pc(s).	IEC: 400 V / 15 A	Box
5.00/24/180FLF		male header, Flange /		UL: 300 V / 10 A	
3.2SN BK BX		Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 24, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			

SLDV-THR 5.00/180GLF



High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR	1911500000	PCB plug-in connector,	4032248539499 10 pc(s).		IEC: 400 V / 15 A	Box
5.00/24/180GLF		male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 24, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 10 A	
3.2SN BK BX						
SLDV-THR	1911850000	PCB plug-in connector,	4032248540006 10 pc(s).		IEC: 400 V / 15 A	Box
5.00/24/180GLF		male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 24, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 10 A	
1.5SN BK BX						

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.00/90LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797330000	PCB plug-in connector,	4032248238118	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.00 mm, No. of poles: 12,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				
SL-SMT	1840450000	PCB plug-in connector,	4032248351299	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/90LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.00 mm, No. of poles: 12,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)

SL 5.08/180B



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1520560000	PCB plug-in connector, male	4008190169077	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/12/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.08 mm, No. of poles: 12, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SL 5.00/135B



Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1630580000	PCB plug-in connector, male	4008190204006	50 pc(s).	IEC: 400 V / 17 A	Box
5.00/12/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection, 5.00 mm, No. of poles: 12, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 5.00/180G Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1841260000	PCB plug-in connector, male	4032248352166	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/180G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1796730000	PCB plug-in connector, male	4032248237357	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

SL 5.00/135



Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1630350000	PCB plug-in connector, male header, open side,	4008190203771	50 pc(s).	IEC: 400 V / 17 A	Box
5.00/12/135		Solder connection, 5.00 mm, No. of poles: 12, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 15 A	
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 5.00
BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)
SLD 5.00/180G


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1614910000	PCB plug-in connector,	4008190040222	10 pc(s).	IEC: 400 V / 11 A	Box
5.00/24/180G		male header, closed side,			UL: 300 V / 10 A	
3.2SN OR BX		Solder connection, 5.00 mm, No. of poles: 24, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SL-SMT 5.08/90G Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1780280000	PCB plug-in connector, male	4032248165605	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/12/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775102001	PCB plug-in connector, male	4032248156573	50 pc(s).	IEC: 400 V / 19 A	Box
5.08/12/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 12, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)

SLD 5.00/90G



2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1614450000	PCB plug-in connector, male	4008190030780	10 pc(s).	IEC: 400 V / 11 A	Box
5.00/24/90G		header, closed side, Solder connection, 5.00 mm, No. of poles: 24, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 10 A	
3.2 SN OR BX						

SLDV-THR 5.00/180G



High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR	1895080000	PCB plug-in connector, male	4032248509799	10 pc(s).	IEC: 400 V / 15 A	Box
5.00/24/180G		header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 24, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 10 A	
1.5SN BK BX						
SLDV-THR	1882760000	PCB plug-in connector, male	4032248486335	10 pc(s).	IEC: 400 V / 15 A	Box
5.00/24/180G		header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 24, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 10 A	
3.2SN BK BX						

OMNIMATE Signal - series BL/SL 5.00

BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)

SL 5.00/180B



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1581880000	PCB plug-in connector, male	4008190185947	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/12/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 12,				
		180°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

SL 5.00/90



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1571110000	PCB plug-in connector, male	4008190140106	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/12/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.00 mm, No.				
		of poles: 12, 90°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, Box				
SL	1626080000	PCB plug-in connector, male	4008190197384	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/12/90		header, open side, Solder			UL: 300 V / 15 A	
4.5SN BK BX		connection, 5.00 mm, No.				
		of poles: 12, 90°, Solder pin				
		length (l): 4.5 mm, tinned,				
		Black, Box				

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)

SL 5.08/90B



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1511360000	PCB plug-in connector, male	4008190015985	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/12/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 12,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

SL-SMT 5.00/180 Box



High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1796580000	PCB plug-in connector, male	4032248237104	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.00				
		mm, No. of poles: 12, 180°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Box				
SL-SMT	1841030000	PCB plug-in connector, male	4032248351916	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/180		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.00				
		mm, No. of poles: 12, 180°,				
		Solder pin length (l): 3.2				
		mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.00

BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)

SL 5.00/90B



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1580960000	PCB plug-in connector, male	4008190071851	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/12/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 12,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

SL 5.08/90



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1509060000	PCB plug-in connector, male	4008190105983	50 pc(s).	IEC: 400 V / 18 A	Box
5.08/12/90		header, open side, Solder			UL: 300 V / 15 A	
3.2SN OR BX		connection, 5.08 mm, No.				
		of poles: 12, 90°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, Box				

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)

SL 5.00/180



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1581420000	PCB plug-in connector,	4008190133863	50 pc(s).	IEC: 400 V / 18 A	Box
5.00/12/180		male header, open side,			UL: 300 V / 15 A	
3.2SN OR BX		Solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SL-SMT 5.00/90 Box



High-temperature-resistant, 90° angled, open male header Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1839990000	PCB plug-in connector, male	4032248350735	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/90		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1797030000	PCB plug-in connector, male	4032248237814	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.00 BLZP 5.00/12/180F SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 5.00/90G Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1840220000	PCB plug-in connector, male	4032248350964	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1797180000	PCB plug-in connector, male	4032248237968	50 pc(s).	IEC: 400 V / 19 A	Box
5.00/12/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				