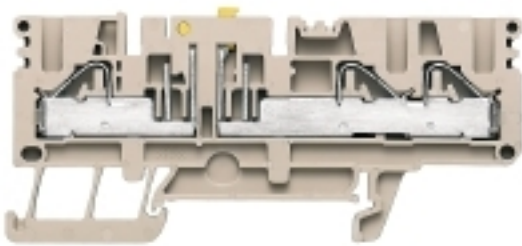


**P-series
PTR 2.5/4/3AN**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
Fon: +49 5231 1429-0
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www.weidmueller.com

**Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	PTR 2.5/4/3AN
Order No.	1933980000
Version	Test-disconnect terminal, PUSH IN, 4 mm ² , 500 V, 24 A, Pivoting, Dark Beige
GTIN (EAN)	4032248587872
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Width	5.1 mm	Width (inches)	0.201 inch
Height	85 mm	Height (inches)	3.346 inch
Depth	39 mm	Depth (inches)	1.535 inch
Depth including DIN rail	39.5 mm	Net weight	12.61 g

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

System specifications

Version	PUSH IN connection, Disconnection element, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	3	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1751332	Current size B (CSA)	24 A
Current size C (CSA)	24 A	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	6 mm ²
Clamping range, rated connection, min.	0.13 mm ²	Connection direction	top
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Gauge to IEC 60947-1	A3
Number of connections	3	Stripping length	12 mm
Twin wire-end ferrules, max.	1.5 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Type of connection	PUSH IN	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, solid core max. rated connection	6 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²

Disconnect terminals

Cross-disconnect	without	Slitting	Pivoting
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Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	24 A
Current size C (cURus)	24 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 3.0	EC000902	ETIM 4.0	EC000902
ETIM 5.0	EC000902	ETIM 6.0	EC000902
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-26
eClass 6.2	27-14-11-26	eClass 7.1	27-14-11-26
eClass 8.1	27-14-11-26	eClass 9.0	27-14-11-26
eClass 9.1	27-14-11-26		

Data sheet

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Technical data

Product information

Descriptive text ordering data	For 4 mm ² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).
Descriptive text technical data	For 2.5mm ² 22 A
Descriptive text accessories	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1702_20160415_093_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S

Safety note

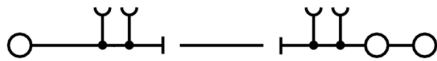
Safety notice	Safety Information
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Data sheet

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Drawings



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Accessories

Component plug



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
BEST	1833100000	Accessories, Component plug	403224850101450	pc(s).
BEST/DRBR	1878570000	Accessories, Component plug, 22 A	403224847150850	pc(s).
BEST/D	1878560000	Accessories, Component plug, 1 A	403224847149250	pc(s).

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SDIS SL 0.6X3.5X100	1274660000	Assembly tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm	40501180726311	pc(s).

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Accessories

Fuse carrier



DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SIHA 3/G20/ LD 60-150V	7921590000	Accessories, Fuse holder, Rated cross-section: Plug- in connection, Wemid, Dark Beige, Operating instructions/catalogue	4032248322626	25 pc(s).
SIHA 3/G20/ LD 35-70V	7921580000	Accessories, Fuse holder, Rated cross-section: Plug- in connection, Wemid, Dark Beige, Operating instructions/catalogue	4032248322619	25 pc(s).
SIHA 3/G20/ LD 140-250V	7921600000	Accessories, Fuse holder, Rated cross-section: Plug- in connection, Wemid, Dark Beige, Operating instructions/catalogue	4032248322633	25 pc(s).
SIHA 3/G20/ LD 10-36V	7921570000	Accessories, Fuse holder, Rated cross-section: Plug- in connection, Wemid, Dark Beige, Operating instructions/catalogue	4032248322503	25 pc(s).
SIHA 3/G20	7921560000	Accessories, Fuse holder, Rated cross-section: Plug- in connection, Wemid, Dark Beige, Operating instructions/catalogue	4032248264643	25 pc(s).

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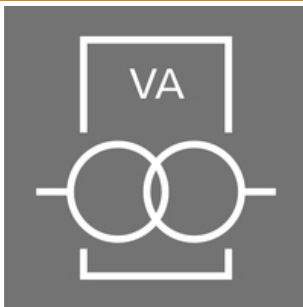
Accessories
End plates

Spring connection with PUSH IN Technology

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PAP	1934690000	P-series, End plate, Dark	4032248591664	20 pc(s).
PTR2.5/4/3AN		Beige, 2.5 mm		

Test plug

Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PS 2.0 OR	0293800000	Accessories, Test plug	4008190042356	20 pc(s).

Disconnect plug

DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
TNST	1833090000	Accessories, Disconnect plug, 20 A	4032248471485	50 pc(s).

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Accessories

Plus



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/5 PLUS	1854490000	Dekafix, Terminal marker,	4032248393596	1,000 pc(s).
MC NE WS		5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, White		

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

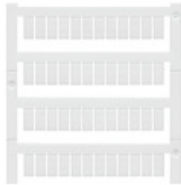
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/5 MC	1609801044	Dekafix, Terminal marker,	4008190397111	1,000 pc(s).
NE WS		5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, White		

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Accessories**Blank**

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 10/5 M MC NE WS	1792000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, White	4032248223862	720 pc(s).
WS 10/5 MC NE WS	1635000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, White	4008190261948	720 pc(s).

ZQV 2.5**Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZQV 2.5/4	1608880000	Accessories, Cross- connector, 24 A	4008190082208	60 pc(s).
ZQV 2.5/6	1608900000	Accessories, Cross- connector, 24 A	4008190149840	20 pc(s).
ZQV 2.5/9	1608930000	Accessories, Cross- connector, 24 A	4008190117009	20 pc(s).
ZQV 2.5/5	1608890000	Accessories, Cross- connector, 24 A	4008190065713	20 pc(s).
ZQV 2.5/50	1697540000	Accessories, Cross- connector, 24 A	4008190883256	10 pc(s).
ZQV 2.5/2	1608860000	Accessories, Cross- connector, 24 A	4008190123680	60 pc(s).
ZQV 2.5/3	1608870000	Accessories, Cross- connector, 24 A	4008190061630	60 pc(s).

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Accessories

ZQV 2.5/7	1608910000	Accessories, Cross-connector, 24 A	4008190159665 20 pc(s).
ZQV 2.5/10	1608940000	Accessories, Cross-connector, 24 A	4008190099060 20 pc(s).
ZQV 2.5/8	1608920000	Accessories, Cross-connector, 24 A	4008190061531 20 pc(s).
ZQV 2.5/20	1908960000	Z-series, Cross-connector, For the terminals, No. of poles: 20	4032248535293 20 pc(s).

End brackets



Spring connection with tension clamp Technology
 Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZEW 35	9540000000	Z-series, End bracket	4008190956264	20 pc(s).