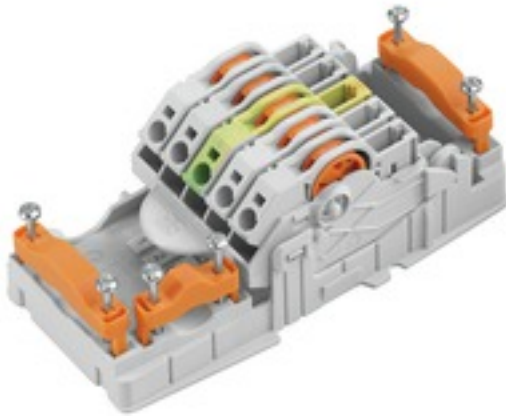


**PT6 DC 1/2/PE/3/4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>).

Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

**General ordering data**

Version	FieldPower® contact element, DC, IP20, Insulation displacement connection (IDC), PUSH IN, Number of poles : 5
Order No.	<a href="#">1534930000</a>
Type	PT6 DC 1/2/PE/3/4
GTIN (EAN)	4050118338775
Qty.	1 pc(s).

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

Depth	54 mm	Depth (inches)	2.126 inch
Height	139.5 mm	Height (inches)	5.492 inch
Width	61.5 mm	Width (inches)	2.421 inch
Net weight	191.15 g		

**Temperatures**

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
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**Clamping capacity**

Connection data - contact element power bus	Wire connection method	Insulation displacement connection (IDC)
	Blade size of operating tool	0.6 x 3.5 mm
	Number of poles	5
	Conductor connection cross-section, solid, max.	6 mm <sup>2</sup>
	Conductor connection cross-section, solid, min.	1.5 mm <sup>2</sup>
	Conductor connection cross-section, stranded, max.	6 mm <sup>2</sup>
	Conductor connection cross-section, stranded, min.	2.5 mm <sup>2</sup>
	Conductor connection cross-section, finely stranded, max.	6 mm <sup>2</sup>
	Conductor connection cross-section, finely stranded, min.	2.5 mm <sup>2</sup>
	Conductor connection cross-section, finest stranded, max.	6 mm <sup>2</sup>
	Conductor connection cross-section, finest stranded, min.	2.5 mm <sup>2</sup>

## PT6 DC 1/2/PE/3/4

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## Technical data

Connection data - contact element Branch / Feed-in	Wire connection method		PUSH IN
	Blade size of operating tool		0.6 x 3.5 mm
	Number of poles		5
	Conductor connection cross-section, solid, max.		6 mm <sup>2</sup>
	Conductor connection cross-section, solid, min.		0.5 mm <sup>2</sup>
	Conductor connection cross-section, stranded, max.		6 mm <sup>2</sup>
	Conductor connection cross-section, stranded, min.		0.5 mm <sup>2</sup>
	Conductor connection cross-section, finely stranded, max.		10 mm <sup>2</sup>
	Conductor connection cross-section, finely stranded, min.		0.5 mm <sup>2</sup>
	Conductor connection cross-section, finest stranded, max.		6 mm <sup>2</sup>
	Conductor connection cross-section, finest stranded, min.		0.5 mm <sup>2</sup>
	Conductor connection cross-section with wire end ferrule	Type of wire end ferrule	12 mm with plastic collar
		Standard	DIN 46228/1
		Cross-section, min.	0.5 mm <sup>2</sup>
		Cross-section, max.	6 mm <sup>2</sup>
		Type of wire end ferrule	12 mm with plastic collar
		Standard	DIN 46228/4
		Cross-section, min.	0.5 mm <sup>2</sup>
		Cross-section, max.	6 mm <sup>2</sup>
		Type of wire end ferrule	8 mm with plastic collar
		Standard	DIN 46228/1
		Cross-section, min.	0.5 mm <sup>2</sup>
		Cross-section, max.	6 mm <sup>2</sup>
		Type of wire end ferrule	8 mm with plastic collar
		Standard	DIN 46228/4
		Cross-section, min.	0.5 mm <sup>2</sup>
		Cross-section, max.	6 mm <sup>2</sup>
		Type of wire end ferrule	Twin wire-end ferrules
		Cross-section, min.	0.5 mm <sup>2</sup>
		Cross-section, max.	6 mm <sup>2</sup>

## General data

Insulating material	Polyamide	Silicone	No
Colour	grey	Protection degree	IP20
UL 94 flammability rating	V-0	Can be coded	Yes, Coded on PE
Voltage type	DC	Number of poles	5
Number of connections / pole	1	Wire connection method	Insulation displacement connection (IDC), PUSH IN
Type of connection 2	FieldPower® plug PTS 4, PTDS4		

## PT6 DC 1/2/PE/3/4

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## Technical data

## Rated data acc. to IEC

Rated data acc. to IEC for contact element	Voltage type	DC
	Number of phases	3
	Standard	IEC 60947-7-1, IEC 60947-7-2
	Rated voltage	800 V
	Rated impulse withstand voltage	8 kV
	Rated current (3 loaded poles)	41 A
	Rated current (4 loaded poles)	25 A

## Rated data acc. to UL

Rated data acc. to UL for contact element	Standard	UL 1059
	Note	for use with UL-listed TC-ER cables
	Conductor connection cross-section, AWG, max.	AWG 10
	Conductor connection cross-section, AWG, min.	AWG 14
	Rated voltage	600 V
	Rated current	30 A

## Classifications

ETIM 6.0	EC002498	ETIM 7.0	EC002498
ETIM 8.0	EC002498	ETIM 9.0	EC002498
ECLASS 9.0	27-14-25-90	ECLASS 9.1	27-14-25-90
ECLASS 10.0	27-14-25-90	ECLASS 11.0	27-14-25-90
ECLASS 12.0	27-14-25-90	ECLASS 13.0	27-14-25-90

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

## Downloads

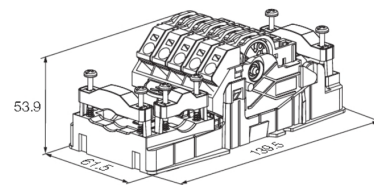
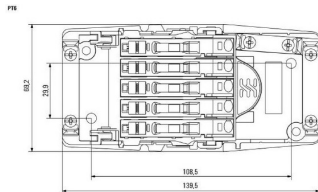
Approval/Certificate/Document of Conformity	<a href="#">UL Certificate FieldPower® terminals and plug-in connectors</a> <a href="#">Manufacturer's Declaration FieldPower® BOX, BOX FUSE and Terminal variants</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Manual FieldPower® PT6 IEC cURus</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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# Drawings



## PT6 DC 1/2/PE/3/4

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## Accessories

## Plug-in connector



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

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- Power supply
- Power distribution
- Power branching

## General ordering data

Type	PTDS 4 DC	Version
Order No.	<a href="#">1009990000</a>	Field Power® plug-in connector, DC, IP20, Polyamide, PUSH IN,
GTIN (EAN)	4032248715244	Number of poles : 2 x 5
Qty.	10 pc(s).	
Type	PTS 4 DC	Version
Order No.	<a href="#">1131730000</a>	Field Power® plug-in connector, DC, IP20, Polyamide, PUSH IN,
GTIN (EAN)	4032248912117	Number of poles : 5
Qty.	10 pc(s).	

## 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 PrintJet CONNECT oder/or Plotter is possible.

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

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	WS 12/6 MC NE WS	Version
Order No.	<a href="#">1609900000</a>	WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190203467	Allen-Bradley, white
Qty.	600 pc(s).	

**PT6 DC 1/2/PE/3/4****Weidmüller Interface GmbH & Co. KG**

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Crosshead screwdriver Pozidriv**

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

**General ordering data**

Type	SDK PZ2 X 100	Version
Order No.	<a href="#">2749450000</a>	Screwdriver, Blade width (B): 100 mm, Blade thickness (A):
GTIN (EAN)	4050118895674	
Qty.	1 pc(s).	

**Fuse plug**

Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>).

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- Power supply
- Power distribution
- Power branching

**General ordering data**

Type	PTSI 4/LD 36V AC/DC	Version
Order No.	<a href="#">1252210000</a>	Field Power® plug-in connector, Fuse, IP20, Polyamide, PUSH
GTIN (EAN)	4050118044331	IN, Number of poles : 5
Qty.	1 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Slotted screwdriver**

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

**General ordering data**

Type	SDS 0.6X3.5X100	Version
Order No.	<a href="#">2749340000</a>	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118895568	thickness (A): 0.6 mm
Qty.	1 pc(s).	

**Tools**

Sheathing stripper for PVC cables

**General ordering data**

Type	AM 25	Version
Order No.	<a href="#">9001540000</a>	Tools, Sheathing strippers
GTIN (EAN)	4008190138271	
Qty.	1 pc(s).	
Type	AM 16	Version
Order No.	<a href="#">9204190000</a>	Tools, Sheathing strippers
GTIN (EAN)	4032248608133	
Qty.	1 pc(s).	



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Strain relief**

Extensive range of accessories for the FieldPower® boxes.

Cable seals, terminal rails, locking elements and much more.

**General ordering data**

Type	ZE PTSC 3X27 PT6	Version
Order No.	<a href="#">2370760000</a>	Strain relief, Polyamide 66, Strain relief for energy bus of PT6 contact
GTIN (EAN)	4032248991075	element, For 15 - 17 mm cable diameter
Qty.	100 pc(s).	
Type	ZE SE PTSC 3X27 PT6	Version
Order No.	<a href="#">2370770000</a>	Strain relief, Polyamide 66, Strain relief for side entry of PT6 contact
GTIN (EAN)	4032248991082	element, For 15 - 17 mm cable diameter
Qty.	100 pc(s).	