

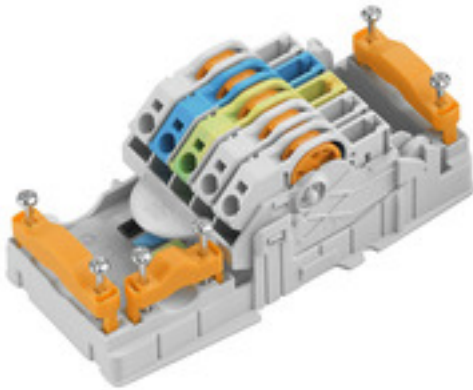
**PT6 230/BUS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, AC, IP20, Insulation displacement connection (IDC), PUSH IN, Number of poles : 5
Order No.	<a href="#">1269960000</a>
Type	PT6 230/BUS
GTIN (EAN)	4050118058239
Qty.	1 pc(s).

Creation date July 10, 2025 7:59:19 PM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

## PT6 230/BUS

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## 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	196 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>	

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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
Voltage type	AC	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		

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## Technical data

## Rated data acc. to IEC

Rated data acc. to IEC for contact element	Voltage type	AC
	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
ETIM 10.0	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	ECLASS 14.0	27-14-25-90
ECLASS 15.0	27-14-25-90		

## Approvals

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## 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> <a href="#">CAD data – DWG</a> <a href="#">CAD data – DXF</a>
User Documentation	<a href="#">Manual FieldPower® Box</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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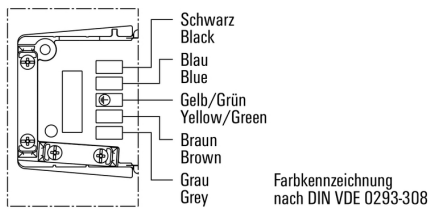
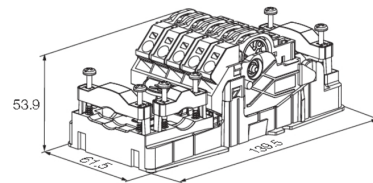
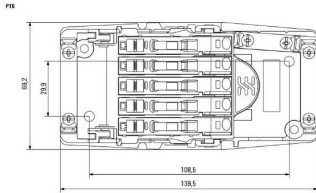
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**Drawings**



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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 PrintJet CONNECT oder/or Plotter is possible.

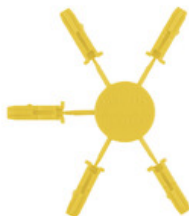
- Can be fitted in strips or individually
- Markers in proven MultiCard format

**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).	

**Coding elements**



Through the use of coding pins, individual coding options ensure trouble-free plug-in connection.

**General ordering data**

Type	KOSF ZT2.5	Version
Order No.	<a href="#">1816150000</a>	Z-series, Coding element, yellow, 2.9 mm
GTIN (EAN)	4032248370726	
Qty.	50 pc(s).	

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# Accessories

## Plug-in connector



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## General ordering data

Type	PTS 4 MPB	Version
Order No.	<a href="#">1010910000</a>	Field Power® plug-in connector, IP20, Polyamide, PUSH IN, Number
GTIN (EAN)	4032248717330	of poles : 5
Qty.	10 pc(s).	
Type	PTDS 4 NE	Version
Order No.	<a href="#">2000240000</a>	Field Power® plug-in connector, IP20, Polyamide, PUSH IN, Number
GTIN (EAN)	4050118387520	of poles : 2 x 5
Qty.	10 pc(s).	

## 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 element, For 15 - 17 mm cable diameter
GTIN (EAN)	4032248991075	
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 element, For 15 - 17 mm cable diameter
GTIN (EAN)	4032248991082	
Qty.	100 pc(s).	

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**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): 2 mm, 100 mm, Blade thickness (A):
GTIN (EAN)	4050118895674	
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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**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).	