

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 mm².

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm²) and/or plug-in connection (0.5 to 4 mm²). Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

General ordering data

Version	FieldPower®, Field Power® plug-in connector, PUSH IN, 0.5 mm ² - 4 mm ²
Order No.	<u>1952130000</u>
Туре	PTDS 4
GTIN (EAN)	4032248632084
Qty.	10 pc(s).



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Technical data

Dimensions and weights

Difficusions and weights			
Depth	36.15 mm	Depth (inches)	1.423 inch
Height	27.3 mm	Height (inches)	1.075 inch
Width	55.45 mm	Width (inches)	2.183 inch
Net weight	45.9 g		
Temperatures			
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
Approvals			
Certificate No. (cURus)	E60693	Institute (cURus)	CURUS
Clamping capacity, IDC con	nection - PT6		
Blade size		Connection cross-section, finely	
Diado di2d	3.0 x 0.5 mm	stranded, max.	4 mm ²
Connection cross-section, finely stranded, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	4 mm²
Wire connection cross section, finely stranded, min.		Wire cross-section, finely stranded, tw	
Wire cross-section, solid, max.	4 mm ²	Wire cross-section, solid, min.	0.5 mm ²



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Clamping capacity, PUSH IN connection - PT6

Blade size	3.0 x 0.5 mm	Blade size, PUSH IN connection	3.0 x 0.5 mm
Conductor cross-section, flexible AEH 12 mm plus plastic collar DIN 46228/1		Conductor cross-section, flexible AEH 12 mm plus plastic collar DIN 46228/4	
rated connection, min.	0.5 mm ²	rated connection, max.	4 mm ²
Conductor cross-section, flexible AEH		Conductor cross-section, flexible AEH	
12 mm plus plastic collar DIN 46228/4		8 mm plus plastic collar DIN 46228/1,	4
rated connection, min.	0.5 mm ²	rated connection, max.	4 mm ²
Conductor cross-section, flexible AEH		Conductor cross-section, flexible AEH	
8 mm plus plastic collar DIN 46228/1, rated connection, min.	0.5 mm ²	8 mm plus plastic collar DIN 46228/4, rated connection, max.	4 mm ²
·	0.9 111111-	· · ·	4 111111-
Conductor cross-section, flexible AEH 8 mm plus plastic collar DIN 46228/4,		Cross-section for connected wire PUSH IN connection, solid, min.	
rated connection, min.	0.5 mm ²	iiv connection, solia, min.	0.5 mm ²
Cross-section for connected wire. PUSH		Cross-section for connected wire, flexible	
IN connection, solid, max.		with wire-end ferrules. 12mm with	е
in connection, sond, max.		plastic collar, DIN 46228/1, PUSH IN	
	4 mm²	connection, max.	4 mm ²
Cross-section for connected wire, flexible		Cross-section for connected wire, flexible	
with wire-end ferrules, 12mm with		with wire-end ferrules, 12mm with	
plastic collar, DIN 46228/1, PUSH IN		plastic collar, DIN 46228/4, PUSH IN	
connection, min.	0.5 mm ²	connection, max.	4 mm ²
Cross-section for connected wire, flexible	e	Cross-section for connected wire, flexible	e
with wire-end ferrules, 12mm with		with wire-end ferrules, 8mm with	
plastic collar, DIN 46228/4, PUSH IN		plastic collar, DIN 46228/1, PUSH IN	
connection, min.	0.5 mm ²	connection, max.	4 mm ²
Cross-section for connected wire, flexible	e	Cross-section for connected wire, flexible	е
with wire-end ferrules, 8mm with		with wire-end ferrules, 8mm with	
plastic collar, DIN 46228/1, PUSH IN		plastic collar, DIN 46228/4, PUSH IN	
connection, min.	0.5 mm ²	connection, max.	4 mm ²
Cross-section for connected wire, flexib	e	Cross-section for connected wire,	
with wire-end ferrules, 8mm with		flexible, PUSH IN connection, max.	
plastic collar, DIN 46228/4, PUSH IN	0.5		4 2
connection, min.	0.5 mm ²		4 mm ²
Cross-section for connected wire,	0.53	Cross-section for connected wire,	0.5
flexible, PUSH IN connection, min.	0.5 mm ²	stranded, two clampable wires, max.	0.5 mm ²
Cross-section for connected wire,	4 2	Finely-stranded flexible, max. PUSH IN	4 2
stranded, two clampable wires, min.	4 mm ²	connection	4 mm ²
Finely-stranded flexible, min. PUSH IN	0.5	Stripping length	10
connection	0.5 mm ²		12 mm
Stripping length, PUSH IN connection	10	Wire connection cross section, stranded	•
	12 mm	PUSH IN connection, max.	4 mm ²
Wire connection cross section, stranded PUSH IN connection, min.	l, 0.5 mm²		



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Clamping capacity, PUSH IN connection

Blade size, PUSH IN connection		Clamping range, max. PUSH IN	
	3.0 x 0.5 mm	connection	4 mm ²
Clamping range, min. PUSH IN		Cross-section for connected wire PUSH	
connection	0.5 mm ²	IN connection, solid, min.	0.5 mm ²
Cross-section for connected wire, PUSH		Cross-section for connected wire, flexib	le
IN connection, solid, max.		with wire-end ferrules, 12mm with	
		plastic collar, DIN 46228/1, PUSH IN	
	4 mm ²	connection, max.	4 mm ²
Cross-section for connected wire, flexib	е	Cross-section for connected wire, flexib	le
with wire-end ferrules, 12mm with		with wire-end ferrules, 12mm with	
plastic collar, DIN 46228/1, PUSH IN	0.5 mm ²	plastic collar, DIN 46228/4, PUSH IN	4 mm ²
connection, min.		connection, max.	* ******
Cross-section for connected wire, flexib with wire-end ferrules, 12mm with	е	Cross-section for connected wire, flexib with wire-end ferrules, 8mm with	ie
plastic collar, DIN 46228/4, PUSH IN		plastic collar, DIN 46228/1, PUSH IN	
connection, min.	0.5 mm ²	connection, max.	4 mm ²
Cross-section for connected wire, flexib		Cross-section for connected wire, flexib	
with wire-end ferrules, 8mm with		with wire-end ferrules, 8mm with	
plastic collar, DIN 46228/1, PUSH IN		plastic collar, DIN 46228/4, PUSH IN	
connection, min.	0.5 mm ²	connection, max.	4 mm ²
Cross-section for connected wire, flexib	e	Cross-section for connected wire,	
with wire-end ferrules, 8mm with		flexible, PUSH IN connection, max.	
plastic collar, DIN 46228/4, PUSH IN			
connection, min.	0.5 mm ²		4 mm ²
Cross-section for connected wire,		Finely-stranded flexible, max. PUSH IN	
flexible, PUSH IN connection, min.	0.5 mm ²	connection	4 mm ²
Finely-stranded flexible, min. PUSH IN		Stripping length, PUSH IN connection	
connection	0.5 mm ²		12 mm
Wire connection cross section, stranded	•	Wire connection cross section, strande	•
PUSH IN connection, max.	4 mm ²	PUSH IN connection, min.	0.5 mm ²

General information #96 connectors

Can be coded	Yes, Coded on PE	Colour of insulating material	black
Conductor outlet direction	90°	Continuous operating temp., max.	120 °C
Continuous operating temp., min.	-50 °C	Number of connections / pole	2
Plug insulation material	PA	Test point	2 mm
Type of mounting	Plugged	UL 94 flammability rating	V-0
Wire connection method	PUSH IN	lockable	Yes

General data

Can be coded	Yes, Coded on PE	Insulating material	PA	
UL 94 flammability rating	V-0			

Rated data acc. to IEC

Rated cross-section	4 mm ²	Rated current	32 A	
Rated impulse withstand voltage	8 kV	Rated voltage	690 V	
Standards	UL 1059, IEC 60947-7-1			

Rated data acc. to UL

Rated current (Use group D / UL 10	59) 20 A	Rated voltage (Use gro	oup D / UL 1059) 600 V
Standards		Wire connection cross	s section AWG,
	UL 1059, IEC 60947-7-1	max.	AWG 12
Wire connection cross section AWG	i,		
min.	AWG 16		

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Classifications

ETIM 6.0	EC002943	ETIM 7.0	EC002943
ETIM 8.0	EC002943	ECLASS 9.0	27-44-02-92
ECLASS 9.1	27-44-03-90	ECLASS 10.0	27-44-02-92
ECLASS 11.0	27-44-02-92		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of	UL Certificate FieldPower® Box and accessories
Conformity	UL Certificate FieldPower® terminals and plug-in connectors
	Manufacturer's Declaration FieldPower® plug-in connectors and HQ adapters
Engineering Data	CAD data – STEP
User Documentation	Manual FieldPower® PTS 4 and PTDS 4
Catalogues	Catalogues in PDF-format



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Drawings





