



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



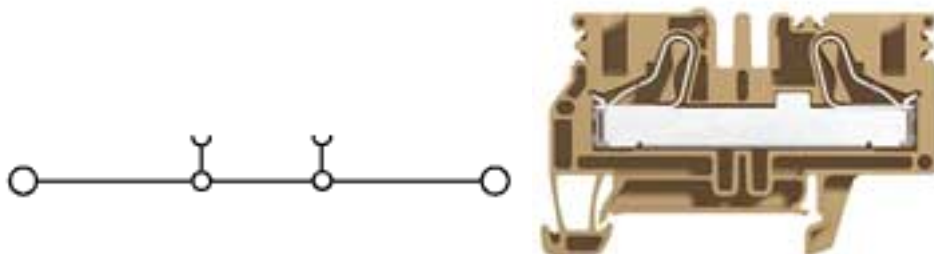
## Contact us

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#### General ordering data

Order No.	1896140000
Part designation	PDU 6/10
Version	Feed-through terminal, 10 mm <sup>2</sup> , Push-In, Wemid, dark beige, TS 35
EAN	4032248511181
Qty.	50 pc(s).

#### Product notes

Note, ordering data	For use with 10 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203620000)
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#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA06ATEX0177U
Download, German	KEMA06ATEX0177U_d.pdf
Download English	KEMA06ATEX0177U_e.pdf
IECEX Certificate of Conformity	IECEXKEM06.0032U
Download	IECEXKEM06.0032U_e.pdf
ATEX voltage	550 V
ATEX current	36.5 A
ATEX conductor cross-section	6 mm <sup>2</sup>
IECEX voltage	550 V
IECEX current	36.5 A
IECEX conductor cross-section	6 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid

**Additional technical data**

Levels cross-connected internally	No
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Type of connection	Plugged
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Feed-through terminal

**Conductors for clamping (rated connection)**

Clamping range, min.	1.5 mm <sup>2</sup>
Clamping range, max.	10 mm <sup>2</sup>
Type of connection	Push-In
Connection direction	top
Stripping length	14 mm
Blade size	0.6 x 3.5 mm
Solid, min.	1.5 mm <sup>2</sup>
Solid, max.	10 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	10 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	10 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	10 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	6 mm <sup>2</sup>
AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 8

**Dimensions**

Width	8.1 mm
Height of lowest version	40 mm
Length	64.5 mm
TS 35 offset	28.5 mm

**Rating data**

Rated cross-section	10 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	57 A
Standards	IEC 60947-7-1
Pollution severity	3

### Approvals

Approvals institutes



### Downloads

STEP [1896140000\\_41752\\_PDU6-10\\_2AN\\_STP.stp](#)

### Classifications

eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

### Similar products

Order No.	Part designation	Version
1896150000	PDU 6/10/3AN	Feed-through terminal, 10 mm <sup>2</sup> , Push-In, Wemid, dark beige, TS 35
1896280000	PDU 6/10/3AN BL	Feed-through terminal, 10 mm <sup>2</sup> , Push-In, Wemid, blue, TS 35
1896270000	PDU 6/10 BL	Feed-through terminal, 10 mm <sup>2</sup> , Push-In, Wemid, blue, TS 35