



General ordering data

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

Product notes

Note, ordering data	For use with 10 mm ² 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 ²
IECEX voltage	550 V
IECEX current	36.5 A
IECEX conductor cross-section	6 mm ²
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 ²
Clamping range, max.	10 mm ²
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 ²
Solid, max.	10 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	10 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	10 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	10 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	6 mm ²
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 ²
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 ² , Push-In, Wemid, dark beige, TS 35
1896280000	PDU 6/10/3AN BL	Feed-through terminal, 10 mm ² , Push-In, Wemid, blue, TS 35
1896270000	PDU 6/10 BL	Feed-through terminal, 10 mm ² , Push-In, Wemid, blue, TS 35