

**General ordering data**

Order No.	1896220000
Part designation	PDU 16 BL
Version	Feed-through terminal, 16 mm <sup>2</sup> , Push-In, Wemid, blue, TS 35
EAN	4032248511341
Qty.	10 pc(s).

**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	59 A
ATEX conductor cross-section	16 mm <sup>2</sup>
IECEX voltage	550 V
IECEX current	59 A
IECEX conductor cross-section	16 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	blue
Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
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.	2.5 mm <sup>2</sup>
Clamping range, max.	16 mm <sup>2</sup>
Type of connection	Push-In
2nd type of connection	plugged
Connection direction	top
Stripping length	14 mm
Blade size	1.0 x 5.5 mm
Solid, min.	2.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Flexible, min.	2.5 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	2.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	16 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	10 mm <sup>2</sup>

**Dimensions**

Width	12.1 mm
Height of lowest version	48 mm
Length	80.5 mm
TS 35 offset	39 mm

**Rating data**

Rated cross-section	16 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	76 A
Pollution severity	3

**Approvals**

Approvals institutes

**Downloads**

STEP	1896220000_41786_PDU_16_BL_STP.stp
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**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
1896400000	PDU 16	Feed-through terminal, 16 mm <sup>2</sup> , Push-In, Wemid, dark beige, TS 35
1918780000	PEI 16	Feed-through terminal, 16 mm <sup>2</sup> , Push-In, Wemid, dark beige, TS 35
1918790000	PEI 16 BL	Feed-through terminal, 16 mm <sup>2</sup> , Push-In, Wemid, blue, TS 35