



#### General ordering data

Order No.	1918770000
Part designation	PDK 2.5/4
Version	Double-tier terminal, 2.5 mm <sup>2</sup> , dark beige, TS 35
EAN	4032248554638
Qty.	50 pc(s).

#### Product notes

Note, ordering data	For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)
Note, technical data	4 mm <sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.
Note, accessories	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

#### PT OKIECEx/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	28 A
ATEX conductor cross-section	4 mm <sup>2</sup>
IECEX voltage	550 V
IECEX current	28 A
IECEX conductor cross-section	4 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-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
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35

**Additional technical data**

Levels cross-connected internally	No
No. of levels	2
No. of terminal strips per level	2
Open sides	right
Type of connection	Plugged
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Double terminal

**Conductors for clamping (rated connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>
No. of connections	4
Stripping length	12 mm
Blade size	3.0 x 0.5 mm
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	4 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10

**Dimensions**

Width	5.1 mm
Height of lowest version	58 mm
Length	82.5 mm
TS 35 offset	43.5 mm

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	24 A
Standards	IEC 60947-7-1
Current with max. conductor	28 A
Pollution severity	3

### Approvals

Approvals institutes



### Downloads

STEP [1918770000\\_41815\\_PDK\\_2.5-4\\_S3D.stp](#)

### Classifications

eClass 4.1	27-14-11-31
eClass 5.0	27-14-11-31
eClass 5.1	27-14-11-31

### Similar products

Order No.	Part designation	Version
1918760000	PDK 2.5/4 BL	Double-tier terminal, 2.5 mm <sup>2</sup> , blue, TS 35
1918720000	PDK 2.5/4L-PE	Double-tier terminal, 2.5 mm <sup>2</sup> , dark beige, TS 35
1918740000	PDK 2.5/4N-L	Double-tier terminal, 2.5 mm <sup>2</sup> , dark beige, TS 35
1918750000	PDK 2.5/4N-PE	Double-tier terminal, 2.5 mm <sup>2</sup> , dark beige, TS 35
1918730000	PDK 2.5/4V	Double-tier terminal, 2.5 mm <sup>2</sup> , dark beige, TS 35
1918680000	PDK 2.5/4V BL	Double-tier terminal, 2.5 mm <sup>2</sup> , blue, TS 35