



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!



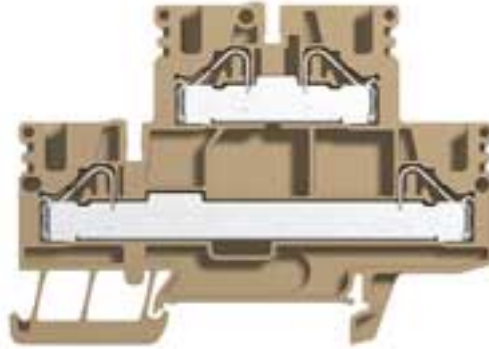
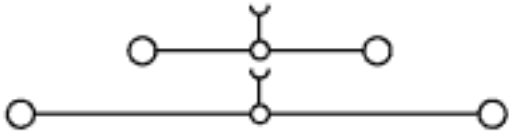
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General ordering data

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

Product notes

Note, ordering data	For use with 4 mm ² conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)
Note, technical data	4 mm ² 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 ²
IECEX voltage	550 V
IECEX current	28 A
IECEX conductor cross-section	4 mm ²
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 ²
Clamping range, max.	6 mm ²
No. of connections	4
Stripping length	12 mm
Blade size	3.0 x 0.5 mm
Solid, min.	0.5 mm ²
Solid, max.	6 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	4 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	2.5 mm ²
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 ²
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 ² , blue, TS 35
1918720000	PDK 2.5/4L-PE	Double-tier terminal, 2.5 mm ² , dark beige, TS 35
1918740000	PDK 2.5/4N-L	Double-tier terminal, 2.5 mm ² , dark beige, TS 35
1918750000	PDK 2.5/4N-PE	Double-tier terminal, 2.5 mm ² , dark beige, TS 35
1918730000	PDK 2.5/4V	Double-tier terminal, 2.5 mm ² , dark beige, TS 35
1918680000	PDK 2.5/4V BL	Double-tier terminal, 2.5 mm ² , blue, TS 35