



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!



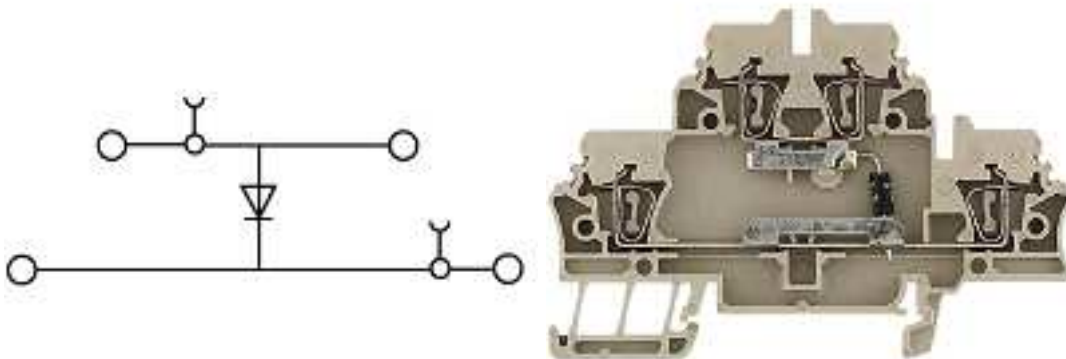
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General ordering data

Order No.	1690020000
Part designation	ZDK 2.5/D/1
Version	Component terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
EAN	4008190877897
Qty.	50 pc(s).

Product notes

Note, ordering data	Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A
Note, technical data	2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.
Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm ² .

Additional technical data

Colour of insulating material	dark beige
Connection direction	top
Electronic component	Diode
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of levels	2
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	Z-series
Type of connection	Plugged
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0

Additional technical data

Version Feed-through terminal with electronic components

CSA rating data

Voltage (CSA) 300 V
 CSA current 10 A
 Min. cross-section (CSA) AWG 26
 Max. cross-section (CSA) AWG 12

Conductors for clamping (additional connection)

Type of connection Tension clamp connection
 Flexible with ferrule, min. (DIN 46228 pt 1) 0.5 mm²
 Flexible with ferrule, max. (DIN 46228 pt 1) 2.5 mm²

Conductors for clamping (rated connection)

Clamping range, min. 0.05 mm²
 Clamping range, max. 2.5 mm²
 Type of connection Tension clamp connection
 2nd type of connection clamped
 Connection direction top
 No. of connections 4
 Stripping length 10 mm
 Blade size 0.6 x 3.5 mm
 Gauge to IEC 60947-1 A2
 Solid, min. 0.5 mm²
 Solid, max. 2.5 mm²
 Flexible, min. 0.5 mm²
 Flexible, max. 2.5 mm²
 Flexible with ferrule, min. (DIN 46228/1) 0.5 mm²
 Flexible with ferrule, max. (DIN 46228/1) 1.5 mm²
 Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm²
 Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 1.5 mm²
 Twin wire-end ferrule, min. 0.14 mm²
 Twin wire end ferrule, max. 0.34 mm²
 AWG conductor size, min. AWG 30
 AWG conductor size, min. 0.13 mm²
 AWG conductor size, max. 2.5 mm²

Dimensions

Width 5.1 mm
 Height of lowest version 54 mm
 Length 79.1 mm
 TS 35 offset 39 mm

Rating data

Rated cross-section 2.5 mm²
 Rated voltage 500 V
 Rated impulse voltage 6 kV
 Rated current 10 A

Rating data

Standards	IEC 60947-7-1
Pollution severity	3

UL rating data

Voltage (UL)	300 V
Current (UL)	10 A
Min. cross-section (UL)	AWG 30
Max. cross-section (UL)	AWG 14

Approvals

Approvals institutes



Downloads

STEP	1690020000_24218_ZDK_2.5-1.5-D-1_STP.stp
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Classifications

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

Similar products

Order No.	Part designation	Version
1690030000	ZDK 2.5/D/2	Component terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1690040000	ZDK 2.5/D/4	Component terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1690050000	ZDK 2.5/D/5	Component terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1690060000	ZDK 2.5/D/6	Component terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35