



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!



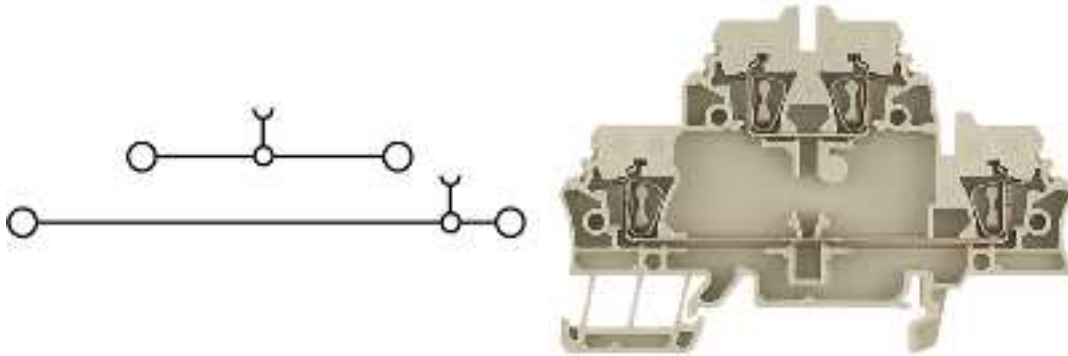
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General ordering data

Order No.	1694140000
Part designation	ZDK 2.5 OR
Version	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, Orange, TS 35
EAN	4008190872281
Qty.	50 pc(s).

Product notes

Note, ordering data	Empty electronics enclosure for do-it-yourself soldering of components.
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 .
Note, accessories	ZVQ 2.5/15 (1720700000) connects two current bars one above the other.

PT OKIECEX/ATEX rating data

EU-type examination certificate	KEMA97ATEX4677U
Download, German	KEMA97ATEX4677U_d.pdf
Download English	KEMA97ATEX4677U_e.pdf
ATEX voltage	275 V
ATEX current	18 A
ATEX conductor cross-section	2.5 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	Orange
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Additional technical data

Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	2
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Product family	Z-series
Type of connection	Clamped
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Double terminal

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)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm ²
Clamping range, max.	2.5 mm ²
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 mm ²
Solid, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 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)	2.5 mm ²
AWG conductor size, min.	AWG 30
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.05 mm ²

Conductors for clamping (rated connection)

AWG conductor size, max. 3.31 mm²

Dimensions

Width 5.1 mm
 Height of lowest version 54 mm
 Length 79.5 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 20 A
 Standards IEC 60947-7-1
 Current with max. conductor 20 A
 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 12

Approvals

Approvals institutes



Classifications

eClass 4.1 27-14-11-18
 eClass 5.0 27-14-11-18
 eClass 5.1 27-14-11-18

Similar products

Order No.	Part designation	Version
1674300000	ZDK 2.5	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1678630000	ZDK 2.5 BL	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, TS 35
1689970000	ZDK 2.5DU-PE	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1689960000	ZDK 2.5N-DU	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1689980000	ZDK 2.5N-PE	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35

1745880000	ZDK 2.5V BL	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, TS 35
1689990000	ZDK 2.5V	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35