



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!



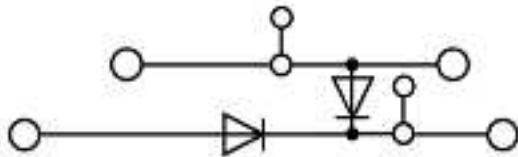
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#### General ordering data

Order No.	1023500000
Part designation	WDK 2.5 2D
Version	Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4008190100865
Qty.	25 pc(s).

#### Product notes

Note, ordering data	2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)
Note, technical data	Rated current is 10 A for continuous busbars only.
Product description	Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

#### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	1.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	1.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	Yes

#### Additional technical data

No. of identical terminals	1
No. of levels	2
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Terminal with diode

#### 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	Screw connection
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#### Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	4 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)	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	3.31 mm <sup>2</sup>

#### Dimensions

Width	5.1 mm
Height of lowest version	63 mm
Length	69 mm
TS 35 offset	35.5 mm

## Dimensions

### Rating data

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	10 A
Standards	IEC 60947-7-1
Current with max. conductor	10 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	27-14-11-27
eClass 5.0	27-14-11-27
eClass 5.1	27-14-11-27

### Similar products

Order No.	Part designation	Version
8016940000	WDK 2.5 1D 1R 1K5/0.5W	Component terminal, Screw connection, Wemid, dark beige, TS 35
1023400000	WDK 2.5 1D A.1	Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1023300000	WDK 2.5 1D A.2	Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1022600000	WDK 2.5 2D	Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
8014670000	WDK 2.5 2D	Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
8012260000	WDK 2.5 2D 1R 1K5/0.5W	Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
8025610000	WDK 2.5 1D	Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1023100000	WDK 2.5/D/3	Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35