



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!



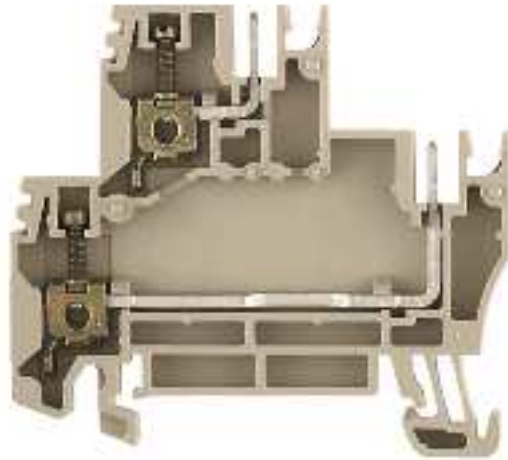
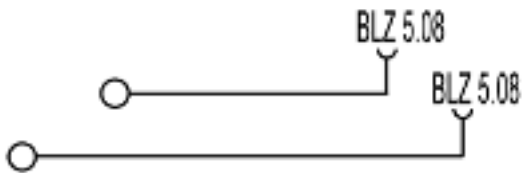
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General ordering data

Order No.	1034400000
Part designation	WDK 2.5/BLZ/5.08/ZA
Version	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190193058
Qty.	100 pc(s).

Product notes

Note, ordering data	2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)
Note, technical data	Size with BLZ socket connector: length 58 mm / height 63.5 mm
Note, accessories	For external cross-connection WQB A, see section W-series accessories "Electrical distribution".

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

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

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	No
No. of identical terminals	1

Additional technical data

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	Feed-through terminal

CSA rating data

Voltage (CSA)	300 V
CSA current	24 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

Conductors for clamping (additional connection)

Stripping length (B1)	7 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.5 Nm
Solid, min.	0.5 mm ²
Solid, max.	2.5 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 mm ²
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.	0.13 mm ²
Clamping range, max.	4 mm ²
Type of connection	Screw connection
2nd type of connection	plugged
Connection direction	on side
No. of connections	2
Stripping length	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.8 Nm
Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm ²
Solid, max.	4 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²

Conductors for clamping (rated connection)

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 20
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.52 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	5.08 mm
Height of lowest version	53 mm
Length	58 mm
TS 35 offset	29.5 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
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Rating data

Rated cross-section	2.5 mm ²
Rated voltage	250 V
Rated impulse voltage	4 kV
Rated current	16.5 A
Standards	IEC 60947-7-1 / IEC 61984
Current with max. conductor	18 A
Pollution severity	3

UL rating data

Voltage (UL)	300 V
Current (UL)	10 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12

Approvals

Approvals institutes

**Downloads**

STEP	1034400000_21472_WDK_2.5-BLZ-5.08-ZA_STP.stp
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Classifications

eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
1038100000	WDK 2.5 BLA/5.08/ZA	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1038500000	WDK 2.5 BLZ/7.62/ZA	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1577260000	WDU 1.5/BLA	Feed-through terminal, 1.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1577340000	WDU 1.5/BLZ 5.08	Feed-through terminal, 1.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1577390000	WDU 1.5/BLZ/R 5.08	Feed-through terminal, 1.5 mm ² , Screw connection, Wemid, blue, TS 35
1784460000	WDU 1.5/ZQV/BLZ 5.08	Feed-through terminal, 1.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1038900000	WDU 2.5/BLZ/7.62	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, beige, TS 35
1021100000	WDU 4 SA	Feed-through terminal, 4 mm ² , Screw connection, Wemid, dark beige, TS 35