

## Excellent Integrated System Limited

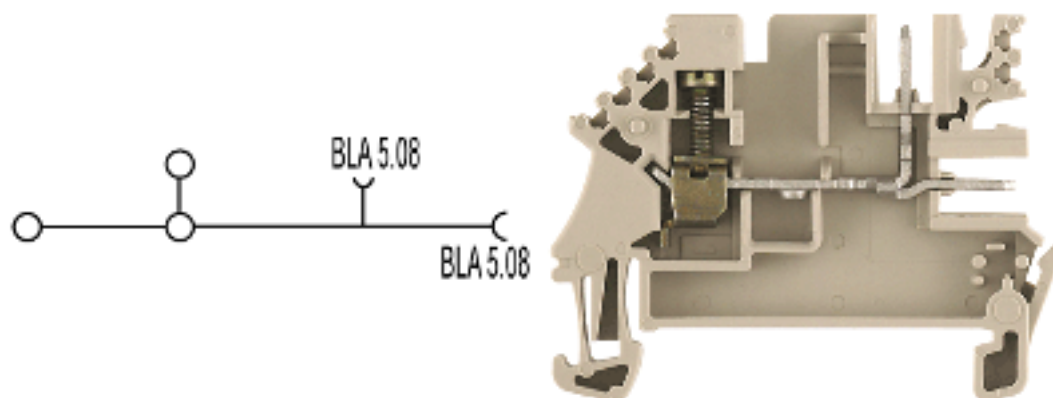
Stocking Distributor

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[Weidmüller](#)  
[1577260000](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



#### General ordering data

Order No.	1577260000
Part designation	WDU 1.5/BLA
Version	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4008190080013
Qty.	100 pc(s).

#### Product notes

Note, ordering data	Conductor 2.5 mm <sup>2</sup> with wire end ferrule (WEF) only with diameter optimised WEF(Order No. 1333100000, Qty. 500)
Note, technical data	Size with the BLA socket block: length 57.5mm / Height 55.5 mm. Max. current only up to 20°C ambient temperature
Note, accessories	Für Direktmontage sind beidseitig die WBB mit Zapfen Best. Nr. 1068260000 verwendbar.

#### 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	No

**Additional technical data**

No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	3
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	10 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

**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...0.6 Nm
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	2.5 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, 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>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	plugged
Connection direction	on side
No. of connections	1
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
Torque level with DMS electric screwdriver	1
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>

#### Conductors for clamping (rated connection)

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>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	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	5.08 mm
Height of lowest version	37.5 mm
Length	49 mm
Weight	5.6 g
TS 35 offset	24.5 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver	1
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#### Rating data

Rated cross-section	1.5 mm <sup>2</sup>
Rated voltage	250 V
Rated impulse voltage	4 kV
Rated current	16 A
Standards	IEC 60947-7-1 / IEC 61984
Current with max. conductor	16 A
Pollution severity	3

#### UL rating data

Voltage (UL)	300 V
Current (UL)	20 A
Min. cross-section (UL)	AWG 26
Max. cross-section (UL)	AWG 16

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
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 <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1034400000	WDK 2.5/BLZ/5.08/ZA	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1038500000	WDK 2.5 BLZ/7.62/ZA	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1577340000	WDU 1.5/BLZ 5.08	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1577350000	WDU 1.5/BLZ/LD 5.08 12V	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1577370000	WDU 1.5/BLZ/LD 5.08 48V	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1577390000	WDU 1.5/BLZ/R 5.08	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35
1784460000	WDU 1.5/ZQV/BLZ 5.08	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1038900000	WDU 2.5/BLZ/7.62	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, beige, TS 35
1021100000	WDU 4 SA	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35