

## Excellent Integrated System Limited

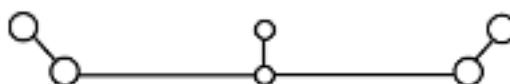
Stocking Distributor

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[Weidmüller](#)  
[1031480000](#)

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


**General ordering data**

Order No.	1031480000
Part designation	WDU 1.5/ZZ BL
Version	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35
EAN	4008190151157
Qty.	100 pc(s).

**Product notes**

Note, technical data	Note the max. current of the terminal (23 A) when using the WQV cross-connector!
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.
Note, accessories	Socket and test plug, see section "W-series accessories"

**PT OKIECEX/ATEX rating data**

EU-type examination certificate	KEMA98ATEX1685U
Download, German	KEMA98ATEX1685U_d.pdf
Download English	KEMA98ATEX1685U_e.pdf
IECEX Certificate of Conformity	IECEXULD05.0008U
ATEX voltage	550 V
ATEX current	15 A
ATEX conductor cross-section	1.5 mm <sup>2</sup>
IECEX voltage	550 V
IECEX current	15 A
IECEX conductor cross-section	1.5 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

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

Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	1 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	1 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)	0.75 mm <sup>2</sup>

**Additional technical data**

Colour of insulating material	blue
Connection direction	on side
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	1
No. of terminal strips per level	4
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
Blade size	0.6 x 3.5 mm
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	2.5 mm <sup>2</sup>
Stranded, min.	0.5 mm <sup>2</sup>
Stranded, max.	2.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	1.5 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)	1.5 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	7 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	A1
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	2.5 mm <sup>2</sup>
Stranded, min.	0.5 mm <sup>2</sup>
Stranded, max.	2.5 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 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	1.5 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)	1.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 14
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	2.08 mm <sup>2</sup>

**Dimensions**

Width	5.1 mm
Height of lowest version	47 mm
Length	60 mm
Weight	8.75 g
TS 35 offset	32 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	800 V
Rated impulse voltage	8 kV
Rated current	17.5 A
Standards	IEC 60947-7-1
Current with max. conductor	23 A
Pollution severity	3

**UL rating data**

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

UL rating data

Approvals

Approvals institutes



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
1031400000	WDU 1.5/ZZ	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35