

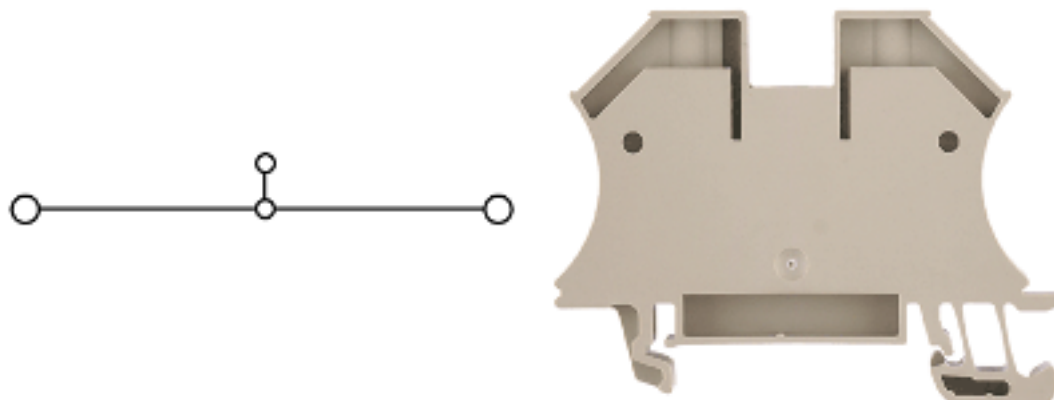
Excellent Integrated System Limited

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[Weidmüller](#)
[1036100000](#)

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sales@integrated-circuit.com


General ordering data

Order No.	1036100000
Part designation	WDU 16N
Version	Feed-through terminal, 16 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190273217
Qty.	50 pc(s).

Product notes

Note, technical data	AWG 6/7 and H07V-R25 with 1.5 Nm tightening torque
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"

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

Solid, min.	1.5 mm ²
Solid, max.	4 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm ²

Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
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	1
No. of terminal strips per level	2
Open sides	closed
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	70 A
Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 6

Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm ²
Clamping range, max.	25 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Tightening torque range	1.2...2.4 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	B7
Solid, min.	1.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	25 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	16 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	16 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm ²
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 6
AWG conductor size, min.	2.08 mm ²
AWG conductor size, max.	13.3 mm ²

Dimensions

Width	12 mm
Height of lowest version	47 mm
Length	60 mm
Weight	24.85 g

Dimensions

TS 35 offset 32 mm

Disconnect terminals

Torque level with DMS electric screwdriver 4

Rating data

Rated cross-section 16 mm²
 Rated voltage 690 V
 Rated impulse voltage 8 kV
 Rated current 76 A
 Standards IEC 60947-7-1
 Current with max. conductor 101 A
 Pollution severity 3

UL rating data

Voltage (UL) 300 V
 Current (UL) 70 A
 Min. cross-section (UL) AWG 14
 Max. cross-section (UL) AWG 6

Approvals

Approvals institutes



Downloads

STEP 1036100000_21921_WDU_16N_STP.stp

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
1036180000	WDU 16N BL	Feed-through terminal, 16 mm ² , Screw connection, Wemid, blue, TS 35