



#### General ordering data

Order No.	1042400000
Part designation	WDU 10/ZR
Version	Feed-through terminal, 10 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4032248285655
Qty.	50 pc(s).

#### Product notes

Note, ordering data	Rated data relates to 10mm <sup>2</sup> connection
Note, technical data	Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 tighten with 2.4 Nm. ZR connection top right A 4.
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 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Flexible, min.	1 mm <sup>2</sup>
Flexible, max.	6 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	1 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm <sup>2</sup>

#### 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

#### Additional technical data

Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	3
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)	600 V
CSA current	65 A
Min. cross-section (CSA)	AWG 16
Max. cross-section (CSA)	AWG 6

#### Conductors for clamping (additional connection)

Clamping range, min.	0.21 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>
Rated cross-section	4 mm <sup>2</sup>
Rated current	32 A
Connection direction	on side
No. of connections	2
Stripping length (B1)	9 mm
Clamping screw	M 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.6...0.8 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	6 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 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	1.31 mm <sup>2</sup>
Clamping range, max.	16 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side

#### Conductors for clamping (rated connection)

No. of connections	1
Stripping length	12 mm
Clamping screw	M 4
Blade size	0.6 x 3.5 mm
Tightening torque range	1.2...2.4 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	B6 / A4
Solid, min.	1.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	16 mm <sup>2</sup>
Flexible, min.	1 mm <sup>2</sup>
Flexible, max.	6 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	16 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm <sup>2</sup>
Twin wire-end ferrule, min.	1.5 mm <sup>2</sup>
Twin wire end ferrule, max.	6 mm <sup>2</sup>
AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 6
AWG conductor size, min.	1.31 mm <sup>2</sup>
AWG conductor size, max.	13.3 mm <sup>2</sup>

#### Dimensions

Width	9.9 mm
Height of lowest version	49.5 mm
Length	70 mm
TS 35 offset	32.5 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver	4
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#### Other connections

No. of connections	2
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#### Rating data

Rated cross-section	10 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	57 A
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

#### UL rating data

Voltage (UL)	600 V
Current (UL)	65 A
Min. cross-section (UL)	AWG 16

#### UL rating data

Max. cross-section (UL) AWG 6

#### Approvals

Approvals institutes



#### Downloads

STEP 1042400000\_32702\_WDU\_10-ZR\_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
1020300000	WDU 10	Feed-through terminal, 10 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1020380000	WDU 10 BL	Feed-through terminal, 10 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35
1020350000	WDU 10 GN WAP GE	Feed-through terminal, 10 mm <sup>2</sup> , Screw connection, Wemid, green, TS 35
1042480000	WDU 10/ZR BL	Feed-through terminal, 10 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35