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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!



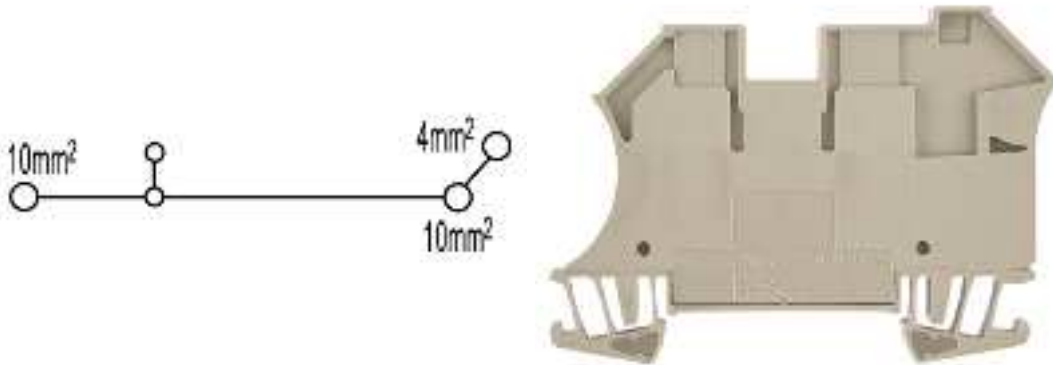
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General ordering data

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

Product notes

Note, ordering data	Rated data relates to 10mm ² 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 ²
Solid, max.	6 mm ²
Flexible, min.	1 mm ²
Flexible, max.	6 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	1 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	6 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

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 ²
Clamping range, max.	6 mm ²
Rated cross-section	4 mm ²
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 ²
Solid, max.	6 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 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)	4 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	1.31 mm ²
Clamping range, max.	16 mm ²
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 ²
Solid, max.	16 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	16 mm ²
Flexible, min.	1 mm ²
Flexible, max.	6 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
Twin wire-end ferrule, min.	1.5 mm ²
Twin wire end ferrule, max.	6 mm ²
AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 6
AWG conductor size, min.	1.31 mm ²
AWG conductor size, max.	13.3 mm ²

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 ²
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 ² , Screw connection, Wemid, dark beige, TS 35
1020380000	WDU 10 BL	Feed-through terminal, 10 mm ² , Screw connection, Wemid, blue, TS 35
1020350000	WDU 10 GN WAP GE	Feed-through terminal, 10 mm ² , Screw connection, Wemid, green, TS 35
1042480000	WDU 10/ZR BL	Feed-through terminal, 10 mm ² , Screw connection, Wemid, blue, TS 35