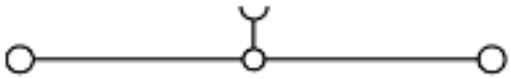

General ordering data	
Order No.	1753280000
Part designation	WDU 1.5/R3.5
Version	Feed-through terminal, 1.5 mm², Screw connection, Wemid, dark beige, TS 15
EAN	4032248020737
Qty.	100 pc(s).

Product notes	
Note, technical data	PZ 6/5 recommended as crimping tool for 1.5 mm² with wire-end ferrule

PT OKIECEx/ATEX rating data	
EU-type examination certificate	KEMA99ATEX6545U
Download, German	KEMA99ATEX6545U_d.pdf
Download English	KEMA99ATEX6545U_e.pdf
ATEX voltage	275 V
ATEX current	14 A
ATEX conductor cross-section	1.5 mm²
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 mm²
Solid, max.	0.75 mm²
Flexible, min.	0.5 mm²
Flexible, max.	0.75 mm²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	0.5 mm²

Additional technical data	
Colour of insulating material	dark beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 15
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
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 16

Conductors for clamping (additional connection)	
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm²

Conductors for clamping (rated connection)	
Clamping range, min.	0.13 mm²
Clamping range, max.	1.5 mm²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	7 mm
Clamping screw	M 2
Blade size	0.4 x 2.5 mm
Tightening torque range	0.3 Nm
Gauge to IEC 60947-1	A1
Solid, min.	0.5 mm²
Solid, max.	1.5 mm²
Stranded, min.	1.5 mm²
Stranded, max.	1.5 mm²
Flexible, min.	0.5 mm²
Flexible, max.	1.5 mm²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228/1)	1.5 mm²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm²

Conductors for clamping (rated connection)	
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 14
AWG conductor size, min.	0.13 mm²
AWG conductor size, max.	2.08 mm²

Dimensions	
Width	3.5 mm²
Height of lowest version	25 mm
Length	24.5 mm
Weight	2.39 g
TS 15 offset	13.5 mm
TS 35 offset	24.5 mm

Rating data	
Rated cross-section	1.5 mm²
Rated voltage	400 V
Rated impulse voltage	4 kV
Rated current	17.5 A
Standards	IEC 60947-7-1
Current with max. conductor	17.5 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 14

Approvals

Approvals institutes

Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-23
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
1753290000	WDK 1.5/R3.5	Feed-through terminal, 1.5 mm², Screw connection, Wemid, dark beige, TS 15

1754180000	WDK 1.5/R3.5 BL	Feed-through terminal, 1.5 mm², Screw connection, Wemid, blue, TS 15
1754170000	WDU 1.5/R3.5 BL	Feed-through terminal, 1.5 mm², Screw connection, Wemid, blue, TS 15
1798460000	WPE 1.5/R3.5	Feed-through terminal, 1.5 mm², Screw connection, Wemid, green/yellow, TS 15