General ordering data	
Order No.	1683580000
Part designation	ZDU 4 RT
Version	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, red, TS 35
EAN	4008190476557
Qty.	100 pc(s).

Product notes	
Note, technical data	When using twin ferrules, the rated voltage is 690 V.
Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

PT OKIECEx/ATEX rating data	
EU-type examination certificate	KEMA97ATEX2521U
Download, German	KEMA97ATEX2521U_d.pdf
Download English	KEMA97ATEX2521U_e.pdf
IECEx Certificate of Conformity	IECEXULD05.0009U
Download	IECEXULD05.0009U_e.pdf
ATEX voltage	550 V
ATEX current	28 A
ATEX conductor cross-section	4 mm²
IECEx voltage	550 V
IECEx current	28 A
IECEx conductor cross-section	4 mm²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEx-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data	
Colour of insulating material	red
Connection direction	top
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	2
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Product family	Z-series
Type of connection	Clamped
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	35 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

Conductors for clamping (additional connection)	
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm²

Conductors for clamping (rated connection)	
Clamping range, min.	0.13 mm²
Clamping range, max.	6 mm²
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	top
No. of connections	2
Stripping length	12 mm
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A4
Solid, min.	0.5 mm²
Solid, max.	6 mm²
Stranded, min.	0.5 mm²
Stranded, max.	6 mm²
Flexible, min.	0.5 mm²
Flexible, max.	6 mm²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228/1)	4 mm²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm²
Twin wire-end ferrule, min.	0.5 mm²
Twin wire end ferrule, max.	1.5 mm²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm²
AWG conductor size, max.	5.26 mm²

Dimensions	
Width	6.1 mm
Height of lowest version	43.5 mm
Length	62 mm
TS 35 offset	29.5 mm

Rating data	
Rated cross-section	4 mm²
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	32 A
Standards	IEC 60947-7-1

Rating data	
Current with max. conductor	41 A
Pollution severity	3

UL rating data	
Voltage (UL)	600 V
Current (UL)	33 A
Min. cross-section (UL)	AWG 26
Max. cross-section (UL)	AWG 10

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
1632050000	ZDU 4	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, dark beige, TS 35
1632060000	ZDU 4 BL	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, blue, TS 35
1683590000	ZDU 4 GE	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, yellow, TS 35
1683630000	ZDU 4 GR	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, grey, TS 35
1636830000	ZDU 4 OR	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, Orange, TS 35
1683650000	ZDU 4 SW	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, black, TS 35
1683640000	ZDU 4 WS	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, white, TS 35
1651900000	ZDU 4/10/BEZ	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, dark beige, TS 35
7904180000	ZDU 4/3AN	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, dark beige, TS 35

7904190000	ZDU 4/3AN BL	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, blue, TS 35
7904290000	ZDU 4/4AN	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, dark beige, TS 35
7904300000	ZDU 4/4AN BL	Feed-through terminal, 4 mm², Tension clamp connection, Wemid, blue, TS 35

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