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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.	1683650000
Part designation	ZDU 4 SW
Version	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, black, TS 35
EAN	4008190476632
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 mm ² .

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA97ATEX2521U
Download, German	KEMA97ATEX2521U_d.pdf
Download English	KEMA97ATEX2521U_e.pdf
IECEEx Certificate of Conformity	IECEXULD05.0009U
Download	IECEXULD05.0009U_e.pdf
ATEX voltage	550 V
ATEX current	28 A
ATEX conductor cross-section	4 mm ²
IECEEx voltage	550 V
IECEEx current	28 A
IECEEx conductor cross-section	4 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEEx-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	black
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 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²
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 mm ²
Solid, max.	6 mm ²
Stranded, min.	0.5 mm ²
Stranded, max.	6 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	6 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	4 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	1.5 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	5.26 mm ²

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 mm ²
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 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1632060000	ZDU 4 BL	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, blue, TS 35
1683590000	ZDU 4 GE	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, yellow, TS 35
1683630000	ZDU 4 GR	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, grey, TS 35
1636830000	ZDU 4 OR	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, Orange, TS 35
1683580000	ZDU 4 RT	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, red, TS 35
1683640000	ZDU 4 WS	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, white, TS 35
1651900000	ZDU 4/10/BEZ	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
7904180000	ZDU 4/3AN	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, dark beige, TS 35

7904190000	ZDU 4/3AN BL	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, blue, TS 35
7904290000	ZDU 4/4AN	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
7904300000	ZDU 4/4AN BL	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, blue, TS 35