

ZDU 4-2/ 4AN

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General ordering data

Order No.	1806980000
Type	ZDU 4-2/4AN
Version	Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 4 mm ² , Tension clamp connection, Wemid, dark beige
EAN	4032248279319
Qty.	100 pc(s).

Dimensions

Length	75.1 mm
Width	6.1 mm
Height	45.5 mm
Height of lowest version	46 mm

Temperatures

Operating temperature	-50 °C...+ 120 °C
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Product notes

Note, ordering data	The rated voltage is reduced to 400 V when using the cross-connection.
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CSA ratings data

Certificate No. (CSA)	200039-1152892
Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V
Current size B (CSA)	35 A
Current size C (CSA)	35 A
Current size D (CSA)	5 A
Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG

UL ratings data

Certificate No. (UR)	E60693VOL1SEC52
Voltage size C (UR)	600 V
Current size C (UR)	33 A
Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG
Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	26 AWG

IECEx/ ATEX rating data

Certificate No. (ATEX)	KEMA97ATEX4677U
ATEX certificate	KEMA97ATEX4677U_d.pdf
ATEX certificate	KEMA97ATEX4677U_e.pdf
max. voltage	550 V
Current (ATEX)	28 A
Wire cross section max. (ATEX)	4 mm ²
Voltage, cross-connection	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

Material data

Material	Wemid
Colour	dark beige
Flammability class UL 94	V-0

System specifications

Product family	Z terminal with tension spring connection
Type of connection	Tension clamp connection
Connection direction	Inclined / angled
Number of levels	1
Number of connections	4
No. of clamping points per level	4
Levels cross-connected internally	No
Mounting rail	TS 35
End cover plate required	Yes

Additional technical data

Explosion-tested version	Yes
Number of identical terminals	1
Open sides	right
Type of mounting	Snap-on
Version	Double terminal

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/ 1, further connection, min.	0.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/ 1, further connection, max.	4 mm ²

Conductors for clamping (rated connection)

Type of connection	Tension clamp connection
Stripping length	10 mm
Blade size	0.6 x 3.5 mm

Connection direction	Inclined / angled
Number of connections	4
Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	6 mm ²
Gauge to IEC 60947-1	A3
Conductor cross-section, solid, min.	0.5 mm ²
Conductor cross-section, solid, max.	6 mm ²
Conductor cross-section, flexible, max.	4 mm ²
Conductor cross-section, flexible, min.	0.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/ 1, rated connection, min.	0.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/ 1, rated connection, max.	4 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/ 4, rated connection, min.	0.5 mm ²
Conductor cross-section, flexible AEH plus plastic collar DIN 46228/ 4, rated connection, max.	4 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire-end ferrule, max.	1.5 mm ²
Conductor connection cross-section AWG, min.	AWG 26
Conductor connection cross-section AWG, max.	AWG 10

Rating data

Rated cross-section	4 mm ²
Rated voltage	800 V
Rated impulse withstand voltage	8 kV
Rated current	32 A
Current with max. conductor	32 A
Standards	IEC 60947-7-1
Pollution severity	3

Classifications

ETIM 2.0	EC000897
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ETIM 3.0	EC000897
ETIM 4.0	EC000897
UNSPSC	30-21-18-11
eClass 4.1	27-14-11-20
eClass 5.1	27-14-11-20
eClass 6.0	27-14-11-20

Approvals

Approvals



Similar products

	Order No.	Type	Version	
	<input type="text" value="8670750000"/>	ZDK 4-2	Z terminal with tension spring connection, Multi-tier modular terminal, Rated cross-section: 4 mm ² , Tension clamp connection, Wemid, dark beige	Add to Inquiry list PDF Datasheet
	8670850000	ZDK 4-2 BL	Z terminal with tension spring connection, Multi-tier modular terminal, Rated cross-section: 4 mm ² , Tension clamp connection, Wemid, blue	Add to Inquiry list PDF Datasheet
	8709760000	ZDK 4-2 EL	Z terminal with tension spring connection, Multi-tier modular terminal, Rated cross-section: 4 mm ² , Tension clamp connection, Wemid, dark beige	Add to Inquiry list PDF Datasheet
	8671050000	ZDK 4-2 PE	Z terminal earth terminal, Multi-tier modular terminal, Rated cross-section: 4 mm ² , Tension clamp connection, Wemid, green	

Order No. Type Version

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8671080000 ZDK 4-2 V Z terminal with tension spring connection, Multi-tier modular terminal, Rated cross-section: 4 mm², Tension clamp connection, Wemid, dark beige

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1119700000 ZDK 4-2/2AN Z-series, Feed-through terminal, Rated cross-section: 4 mm², Tension clamp connection, Wemid, beige, Terminal rail / Mounting plate

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8671120000 ZDK 4-2/DU-PE Z terminal with tension spring connection, Multi-tier modular terminal, Rated cross-section: 4 mm², Tension clamp connection, Wemid, dark beige

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1905170000 ZDK 4-2/N/L Z terminal with tension spring connection, Multi-tier modular terminal, Rated cross-section: 4 mm², Tension clamp connection, Wemid, dark beige

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1770370000 ZDU 4-2/2AN Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 4 mm², Tension clamp connection, Wemid, dark beige

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1770840000 ZDU 4-2/2AN BL Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 4 mm², Tension clamp connection, Wemid, blue

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1770360000

ZDU 4-
2/3AN

Z terminal with tension spring connection, Feed-through terminal,
Rated cross-section: 4 mm², Tension clamp connection, Wemid, dark
beige

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1770860000

ZDU 4-
2/3AN BL

Z terminal with tension spring connection, Feed-through terminal,
Rated cross-section: 4 mm², Tension clamp connection, Wemid, blue


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1770870000

ZDU 4-
2/3AN OR

Z-series, Feed-through terminal, Rated cross-section: 4 mm², Tension
clamp connection, Wemid, Orange


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1806990000

ZDU 4-
2/4AN BL

Z terminal with tension spring connection, Feed-through terminal,
Rated cross-section: 4 mm², Tension clamp connection, Wemid, blue


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