

**ZDU 4-2/4AN**View with Tabs | [List View](#)**General ordering data**

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

**Dimensions**

<b>Length</b>	75.1 mm
<b>Width</b>	6.1 mm
<b>Height</b>	45.5 mm
<b>Height of lowest version</b>	46 mm

**Temperatures**

<b>Operating temperature</b>	-50 °C...+120 °C
------------------------------	------------------

**Product notes**

<b>Note, ordering data</b>	The rated voltage is reduced to 400 V when using the cross-connection.
----------------------------	--

**CSA ratings data**

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

**UL ratings data**

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

**IECEx/ATEX rating data**

<b>Certificate No. (ATEX)</b>	KEMA97ATEX4677U
<b>ATEX certificate</b>	<a href="#">KEMA97ATEX4677U_d.pdf</a>
<b>ATEX certificate</b>	<a href="#">KEMA97ATEX4677U_e.pdf</a>
<b>max. voltage</b>	550 V
<b>Current (ATEX)</b>	28 A
<b>Wire cross section max. (ATEX)</b>	4 mm <sup>2</sup>
<b>Voltage, cross-connection</b>	<a href="#">CrossConnectionGuide.pdf</a>
<b>Operating temperature range</b>	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
<b>Marking EN 60079-7</b>	Ex e II

**Material data**

<b>Material</b>	Wemid
<b>Colour</b>	dark beige
<b>Flammability class UL 94</b>	V-0

#### System specifications

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

#### Additional technical data

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

#### Conductors for clamping (additional connection)

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

#### Conductors for clamping (rated connection)

<b>Type of connection</b>	Tension clamp connection
<b>Stripping length</b>	10 mm
<b>Blade size</b>	0.6 x 3.5 mm

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

#### Rating data

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

#### Classifications

<b>ETIM 2.0</b>	EC000897
-----------------	----------




<b>ETIM 3.0</b>	EC000897
<b>ETIM 4.0</b>	EC000897
<b>UNSPSC</b>	30-21-18-11
<b>eClass 4.1</b>	27-14-11-20
<b>eClass 5.1</b>	27-14-11-20
<b>eClass 6.0</b>	27-14-11-20

### Approvals



### Approvals

### Similar products

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

Order No. Type Version

[Add to Inquiry list](#)

[PDF Datasheet](#)



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

[Add to Inquiry list](#)

[PDF Datasheet](#)



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

[Add to Inquiry list](#)

[PDF Datasheet](#)



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

[Add to Inquiry list](#)

[PDF Datasheet](#)



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

[Add to Inquiry list](#)

[PDF Datasheet](#)



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

[Add to Inquiry list](#)





[PDF Datasheet](#)



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

[Add to Inquiry list](#)

[PDF Datasheet](#)

Order No.	Type	Version	
<input type="text"/>			
	1770360000	ZDU 4-2/3AN	Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige
			<a href="#">▶ Add to Inquiry list</a> <a href="#">▶ PDF Datasheet</a>
	1770860000	ZDU 4-2/3AN BL	Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue
			<a href="#">▶ Add to Inquiry list</a> <a href="#">▶ PDF Datasheet</a>
	1770870000	ZDU 4-2/3AN OR	Z-series, Feed-through terminal, Rated cross-section: 4 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange
			<a href="#">▶ Add to Inquiry list</a> <a href="#">▶ PDF Datasheet</a>
	1806990000	ZDU 4-2/4AN BL	Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue
			<a href="#">▶ Add to Inquiry list</a> <a href="#">▶ PDF Datasheet</a>