



#### General ordering data

Order No.	1792730000
Part designation	IDU 1.5N/ZB
Version	Special terminal, special connections, 1.5 mm <sup>2</sup> , Insulation displacement connection, Wemid, dark beige, TS 35
EAN	4032248281749
Qty.	100 pc(s).

#### Product notes

Note, technical data	Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5Continuous current of cross-connection: 32A (to power supply)
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#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA02ATEX2241U
Download, German	KEMA02ATEX2241U_d.pdf
Download English	KEMA02ATEX2241U_e.pdf
ATEX voltage	275 V
ATEX current	15 A
ATEX conductor cross-section	1.5 mm <sup>2</sup>
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	dark beige
Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid

**Additional technical data**

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	I-Series
Type of connection	Insulation displacement connection
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Hybrid terminal

**CSA rating data**

Voltage (CSA)	300 V
CSA current	10 A
Min. cross-section (CSA)	AWG 24
Max. cross-section (CSA)	AWG 16

**Conductors for clamping (additional connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Rated current	17.5 A
Type of connection	Screw connection
Connection direction	on side
No. of connections	1
Stripping length (B1)	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	3.31 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.21 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>
Type of connection	Insulation displacement connection
Connection direction	top

#### Conductors for clamping (rated connection)

No. of connections	1
Blade size	0.6 x 3.5 mm
Solid, min.	0.21 mm <sup>2</sup>
Solid, max.	1.5 mm <sup>2</sup>
Flexible, min.	0.21 mm <sup>2</sup>
Flexible, max.	1.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 24
AWG conductor size, max.	AWG 16
AWG conductor size, min.	0.21 mm <sup>2</sup>
AWG conductor size, max.	1.31 mm <sup>2</sup>

#### Dimensions

Width	5.1 mm
Height of lowest version	40.5 mm
Length	59.5 mm
Weight	40.5 g
TS 35 offset	33.5 mm

#### Mounting rail

Installation advice	TS 35
Length	59.5 mm
Standards	IEC 60947-7-1 / IEC 60352-4

#### Rating data

Rated cross-section	1.5 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	17.5 A
Standards	IEC 60947-7-1 / IEC 60352-4
Pollution severity	3

#### UL rating data

Voltage (UL)	300 V
Current (UL)	10 A
Min. cross-section (UL)	AWG 24
Max. cross-section (UL)	AWG 16

#### Approvals

Approvals institutes



**Downloads**

STEP 1792730000\_32838\_IDU\_1.5N-ZB\_STP.stp

**Classifications**

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-31
eClass 5.0	27-14-11-31
eClass 5.1	27-14-11-31

**Similar products**

Order No.	Part designation	Version
1806170000	IDU 1.5N/3AN/ZB	Special terminal, special connections, 1.5 mm <sup>2</sup> , Insulation displacement connection, Wemid, dark beige, TS 35
1819480000	IDU 1.5N/3AN/ZB BL	Special terminal, special connections, 1.5 mm <sup>2</sup> , Insulation displacement connection, Wemid, blue, TS 35
1806150000	IDU 1.5N/3AN/ZF	Special terminal, special connections, 1.5 mm <sup>2</sup> , Insulation displacement connection, Wemid, dark beige, TS 35
1819470000	IDU 1.5N/3AN/ZF BL	Special terminal, special connections, 1.5 mm <sup>2</sup> , Insulation displacement connection, Wemid, blue, TS 35
1792740000	IDU 1.5N/ZB BL	Special terminal, special connections, 1.5 mm <sup>2</sup> , Insulation displacement connection, Wemid, blue, TS 35
1792700000	IDU 1.5N/ZF	Special terminal, special connections, 1.5 mm <sup>2</sup> , Insulation displacement connection, Wemid, dark beige, TS 35
1792710000	IDU 1.5N/ZF BL	Special terminal, special connections, 1.5 mm <sup>2</sup> , Insulation displacement connection, Wemid, blue, TS 35