



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



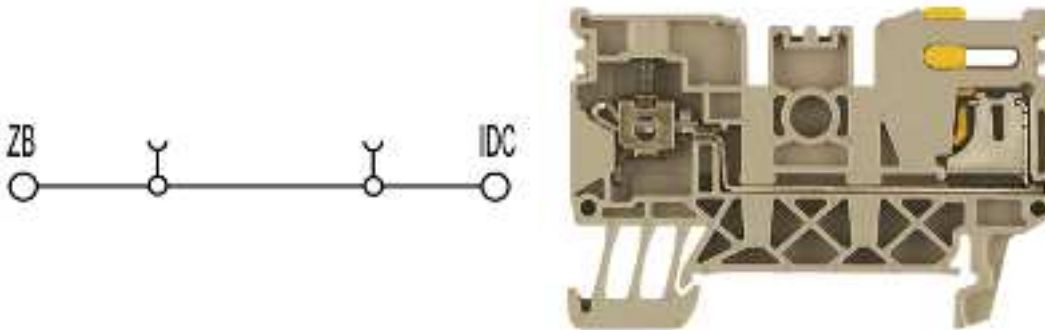
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**General ordering data**

Order No.	1792740000
Part designation	IDU 1.5N/ZB BL
Version	Special terminal, special connections, 1.5 mm², Insulation displacement connection, Wemid, blue, TS 35
EAN	4032248281756
Qty.	100 pc(s).

Product notes

Note, technical data	Conductor < 0.5mm² / 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 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	blue
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 ²
Clamping range, max.	4 mm ²
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 ²
Solid, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.21 mm ²
Clamping range, max.	1.5 mm ²
Type of connection	Insulation displacement connection
Connection direction	top
No. of connections	1
Blade size	0.6 x 3.5 mm
Solid, min.	0.21 mm ²
Solid, max.	1.5 mm ²
Flexible, min.	0.21 mm ²

Conductors for clamping (rated connection)

Flexible, max.	1.5 mm ²
AWG conductor size, min.	AWG 24
AWG conductor size, max.	AWG 16
AWG conductor size, min.	0.21 mm ²
AWG conductor size, max.	1.31 mm ²

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 ²
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

**Classifications**

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

Classifications

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 mm², Insulation displacement connection, Wemid, dark beige, TS 35
1819480000	IDU 1.5N/3AN/ZB BL	Special terminal, special connections, 1.5 mm², Insulation displacement connection, Wemid, blue, TS 35
1806150000	IDU 1.5N/3AN/ZF	Special terminal, special connections, 1.5 mm², Insulation displacement connection, Wemid, dark beige, TS 35
1819470000	IDU 1.5N/3AN/ZF BL	Special terminal, special connections, 1.5 mm², Insulation displacement connection, Wemid, blue, TS 35
1792730000	IDU 1.5N/ZB	Special terminal, special connections, 1.5 mm², Insulation displacement connection, Wemid, dark beige, TS 35
1792700000	IDU 1.5N/ZF	Special terminal, special connections, 1.5 mm², Insulation displacement connection, Wemid, dark beige, TS 35
1792710000	IDU 1.5N/ZF BL	Special terminal, special connections, 1.5 mm², Insulation displacement connection, Wemid, blue, TS 35