



General ordering data

Order No.	1792750000
Part designation	IPE 1.5N/ZB
Version	Earth terminal, 1.5 mm ² , Insulation displacement connection, Wemid, green, TS 35
EAN	4032248281770
Qty.	100 pc(s).

Product notes

Note, technical data	Conductor < 0.5 mm ² / AWG 24 with IRH 1.5
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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 conductor cross-section	1.5 mm ²
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	green
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 levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C

Additional technical data

Product family	I-Series
Type of connection	Plugged
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	PE terminal

CSA rating data

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	Clamping yoke connection
Stripping length (B1)	10 mm
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
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

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
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
TS 35 offset	33.5 mm

Mounting rail

Installation advice	TS 35
Length	59.5 mm
Material	Wemid

Mounting rail

Standards IEC 60947-7-2 / IEC 60352-4

PE rating data

PEN function No
 Pollution severity 3
 Rated cross-section 1.5 mm²
 Rated impulse withstand voltage to adjacent terminal 6 kV
 Rated voltage for adjacent terminal 500 V
 Standards IEC 60947-7-2 / IEC 60352-4

UL rating data

Min. cross-section (UL) AWG 24
 Max. cross-section (UL) AWG 16

Approvals

Approvals institutes



Downloads

STEP 1792750000_32839_IPE_1.5N-ZB_STP.stp

Classifications

ETIM 2.0 EC000901
 ETIM 3.0 EC000901
 eClass 4.1 27-14-03-05
 eClass 5.0 27-14-03-05
 eClass 5.1 27-14-03-05

Similar products

Order No.	Part designation	Version
1806160000	IPE 1.5N/3AN/ZB	Earth terminal, 1.5 mm ² , Insulation displacement connection, Wemid, green/yellow, TS 35
1806140000	IPE 1.5N/3AN/ZF	Earth terminal, 1.5 mm ² , Insulation displacement connection, Wemid, green, TS 35
1792720000	IPE 1.5N/ZF	Earth terminal, 1.5 mm ² , Insulation displacement connection, Wemid, green, TS 35

1848320000	IPE 2.5N/3AN/ZB	Earth terminal, 2.5 mm ² , Insulation displacement connection, Wemid, green, TS 35
1821310000	IPE 2.5N/ZB	Earth terminal, 2.5 mm ² , Insulation displacement connection, Wemid, green, TS 35
1821280000	IPE 2.5N/ZF	Earth terminal, 2.5 mm ² , Insulation displacement connection, Wemid, green, TS 35