

Installation ground terminal block - UTI 16-PE - 3073830

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Installation ground terminal block, Special and hybrid connection, Cross section: 6 mm² - 25 mm², AWG: 10 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ The installation terminal block features a particularly low-profile design and is suitable for wiring in flat installation distributors
- ✓ The asymmetrical arrangement of the terminal blocks on the DIN rail enables the neutral busbar to be routed past the terminal blocks

Key commercial data

package_quantity	50
GTIN	4046356347259

Technical data

General

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V2

General

Maximum load current	76 A (with 16 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Nominal current I _N	76 A
Open side panel	ja
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f ₁ = 5 Hz to f ₂ = 150 Hz
ASD level	0.02 g ² /Hz
Acceleration	0.8 g
Test duration per axis	5 h

Installation ground terminal block - UTI 16-PE - 3073830

Technical data

General

Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	115 °C

Dimensions

Width	12.2 mm
Length	51 mm
Height	49.90 mm
Height NS 35/7,5	50.5 mm
Height NS 35/15	58 mm

Connection data

Note	Terminal point
Conductor cross section solid min.	6 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded min.	6 mm ²
Conductor cross section stranded max.	16 mm ²
Min. AWG conductor cross section, stranded	10
Max. AWG conductor cross section, stranded	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	6 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	2.5 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	2.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²

Installation ground terminal block - UTI 16-PE - 3073830

Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
Connection method	Special and hybrid connection
Stripping length	12 mm
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm

classifications

eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141111
eCl@ss 5.0	27141138
eCl@ss 5.1	27141138
eCl@ss 6.0	27141138
eCl@ss 7.0	27141138
eCl@ss 8.0	27141138

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000901
ETIM 5.0	EC000901

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

approvals

GOST / GOST /

Approval details

GOST 
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Installation ground terminal block - UTI 16-PE - 3073830

approvals



accessories

Pick-off terminal block

EK 116 - 0401010



EK 135 - 0401023



Support

UAB - 3032428



AB/NS - 1201141



Terminal marking

Installation ground terminal block - UTI 16-PE - 3073830

accessories

SBS10:UNBEDRUCKT - 1007248



ZB 12:UNPRINTED - 0812120



UC-TM 12 - 0819194



UCT-TM 12 - 0829144



Screwdriver tools

SZS 1,0X6,5 VDE - 1205079



Warning label printed

Installation ground terminal block - UTI 16-PE - 3073830

accessories

WS 4-12 - 0805328



WS 5-12 - 0805315



Bridge

FBI 2-12 - 0200075



FBI 10-12 - 0203454



EB 10-12 - 3006137



Mounting rail

Installation ground terminal block - UTI 16-PE - 3073830

accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



Installation ground terminal block - UTI 16-PE - 3073830

accessories

NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



Installation ground terminal block - UTI 16-PE - 3073830

accessories

NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



Installation ground terminal block - UTI 16-PE - 3073830

accessories

NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798



Labeled terminal marker

ZB 12 CUS - 0824942



UC-TM 12 CUS - 0824613



UCT-TM 12 CUS - 0829630



End block

Installation ground terminal block - UTI 16-PE - 3073830

accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



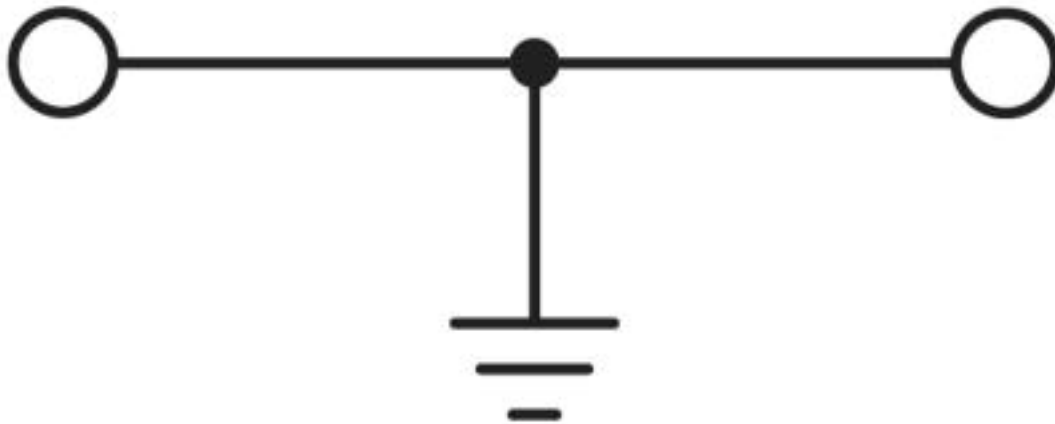
E/UK 1 - 1201413



Drawings

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Circuit diagram



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