

Installation terminal block - UTI 35 - 3074088

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Installation terminal block, Screw connection, Cross section: 0.75 mm² - 35 mm², AWG: 18 - 2, Width: 15.2 mm, Color: gray, 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	4046356347266

Technical data

General

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

General

Maximum load current	125 A (with 35 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	125 A
Nominal voltage U _N	800 V
Open side panel	nein
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Surge voltage test setpoint	9.8 kV
Result of surge voltage test	Test passed

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Technical data

General

Power frequency withstand voltage setpoint	3.5 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.75 mm ² / 0.4 kg
Bending test conductor cross section/weight	35 mm ² / 6.8 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.75 mm ²
Tractive force setpoint	30 N
Conductor cross section tensile test	35 mm ²
Tractive force setpoint	190 N
Tensile test result	Test passed
Tight fit on carrier	NS 32/NS 35
Setpoint	10 N
Result of tight fit test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of voltage drop test	Test passed
Temperature-rise test	Test passed
Conductor cross section short circuit testing	35 mm ²
Short-time current	4.2 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	115 °C

Dimensions

Width	15.2 mm
Length	55 mm
Height NS 35/7,5	51 mm
Height NS 35/15	58.5 mm

Connection data

Note	Terminal point
Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	2
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	35 mm ²

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Technical data

Connection data

Min. AWG conductor cross section, stranded	18
Max. AWG conductor cross section, stranded	2
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm ²
2 conductors with same cross section, solid min.	0.75 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	0.75 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm ²
Cross section with insertion bridge, solid max.	35 mm ²
Cross section with insertion bridge, stranded max.	35 mm ²
Connection method	Screw connection
Stripping length	16 mm
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 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	EC000897
ETIM 5.0	EC000897

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classifications

UNSPSC

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

approvals

GOST /

Approval details



accessories

Warning label printed

WS 5-15 - 1004445



WS 4-15 - 1004241



Partition plate

TS-K - 1302215



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accessories

Terminal marking

SBS10:UNBEDRUCKT - 1007248



ZB 10:UNBEDRUCKT - 1053001



UC-TM 10 - 0818069



UCT-TM 10 - 0829142



Screwdriver tools

SZS 1,0X6,5 VDE - 1205079



Cover profile

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accessories

EA 11 - 1024263



Bridge

FBI 2-15 - 0201333



FBI 3-15 - 0201278



FBI 5-15 - 0711302



EB 10-15 - 0205135



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accessories

EB 2-15 K/UK 35 - 0205119



EB 3-15 K/UK 35 - 0205106



EB 10-15 K/UK 35 - 0205096



SBH 2-15 - 0205232



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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accessories

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



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



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accessories

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



NS 35/15 WH PERF 2000MM - 0806602



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accessories

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



NS 35/15 CAP - 1206573



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accessories

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



Labeled terminal marker

ZB 10 CUS - 0824941



UC-TM 10 CUS - 0824605



UCT-TM 10 CUS - 0829623



Test plug terminal block

PS-MT - 0311647



Insulating sleeve

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accessories

PS-IH WH - 0311566



PS-IH RD - 0311579



PS-IH BU - 0311582



PS-IH YE - 0311595



PS-IH GN - 0311605



PS-IH GY - 0311621



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accessories

PS-IH BK - 0311634



PS-IH VT - 0311618



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



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accessories

E/UK - 1201442



E/UK 1 - 1201413



Test socket

PSB 6/5/6 - 0205290



Drawings

Circuit diagram



1 = cover
2 = fixed bridge
3 = insertion bridge
4 = switch bar for 2 terminal blocks
5 = separating plate
6 = partition plate
7 = test plug socket, for test connection with test plug PS
8 = test plug socket, insulated, can only be used with FBI

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Circuit diagram

