

Component terminal block - UKK 5-DIO/O-U - 2791016

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Component terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, NS 32

Product Features

- ✓ Double-level diode terminal blocks with various forms of wiring are available for a wide range of applications

Key commercial data

package_quantity	50
GTIN	4017918072384

Technical data

General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	32 A (with 4 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current I _N	32 A
Nominal voltage U _N	500 V (Data is based on the dielectric strength of adjacent terminal blocks or of the DINg rail.)
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Power frequency withstand voltage setpoint	2.5 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed

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Technical data

General

Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.2 mm ² / 0.2 kg
Bending test conductor cross section/weight	4 mm ² / 0.9 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.2 mm ²
Tractive force setpoint	10 N
Conductor cross section tensile test	4 mm ²
Tractive force setpoint	60 N
Tensile test result	Test passed
Tight fit on carrier	NS 32/NS 35
Setpoint	1 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	4 mm ²
Short-time current	0.48 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	10 s
Result of thermal test	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	125 °C

Dimensions

Width	6.2 mm
Length	56 mm
Height NS 35/7,5	62 mm
Height NS 35/15	69.5 mm
Height NS 32	67 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²

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Technical data

Connection data

Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000903

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

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classifications

UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

approvals

UL Recognized / cUL Recognized / GOST / DNV / GOST / cULus Recognized /

Approval details

UL Recognized 	
Nominal voltage UN	600 V
Nominal current IN	30 A
mm²/AWG/kcmil	26-10

cUL Recognized 	
Nominal voltage UN	600 V
Nominal current IN	30 A
mm²/AWG/kcmil	26-10

GOST 

DNV



cULus Recognized  US

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accessories

Partition plate

DP-UKK 3/5 - 2770794



End cover

DG-UKK 3/5 - 2770817



D-UKK 3/5 - 2770024



Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



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accessories

UC-TM 6 - 0818085



UCT-TM 6 - 0828736



Screwdriver tools

SZS 0,6X3,5 - 1205053



Bridge

FBI 10- 6 - 0203250



Mounting rail

NS 32 PERF 2000MM - 1201002



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accessories

NS 32 UNPERF 2000MM - 1201015



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



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accessories

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



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



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accessories

NS 35/15 UNPERF 2000MM - 1201714



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



Component terminal block - UKK 5-DIO/O-U - 2791016

accessories

NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



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accessories

UCT-TM 6 CUS - 0829602



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



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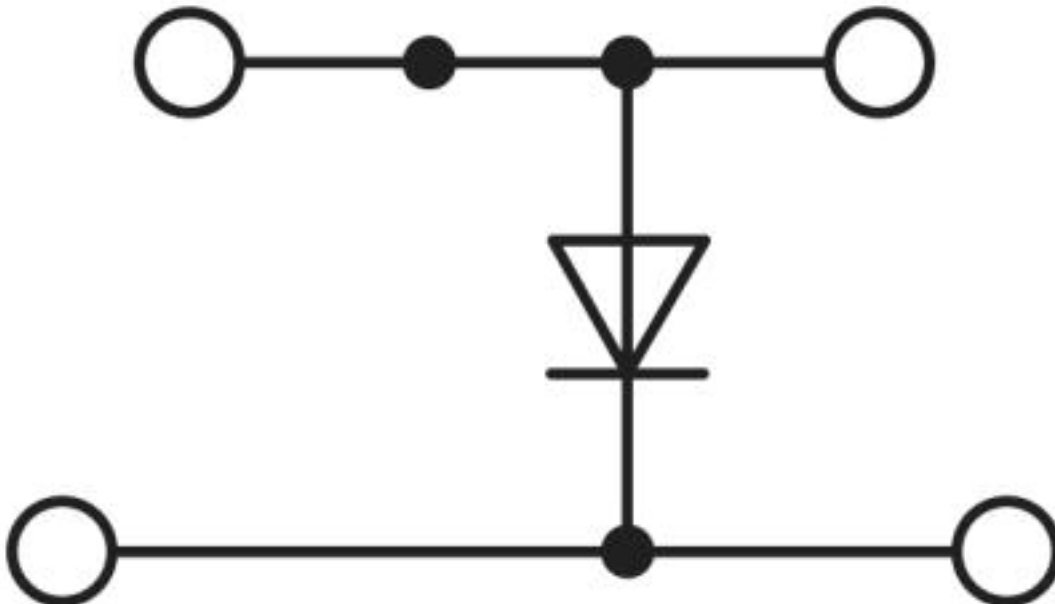
accessories

E/UK 1 - 1201413



Drawings

Circuit diagram



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