

Test disconnect terminal block - RSC 5-T - 3058172

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Test disconnect terminal block, cross section: 0.1 - 6 mm², AWG: 26 - 8, width 13 mm, color: gray

Product Features

- ✓ Easy grouping of flange terminal blocks
- ✓ Flange terminal blocks for direct mounting in control boxes

Key commercial data

package_quantity	50
GTIN	4046356500302

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	50 A (with 10 mm² 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	50 A
Nominal voltage U _N	800 V (with open 630 V disconnect point)
Open side panel	ja
Surge voltage test setpoint	9.8 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	2 kV
Result of power-frequency withstand voltage test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of voltage drop test	Test passed

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Technical data

General

Temperature-rise test	Test passed
Conductor cross section short circuit testing	10 mm ²
Short-time current	1.2 kA
Short circuit stability result	Test passed
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
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))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	13 mm
Length	79.9 mm
Height NS 35/7,5	49.8 mm
Height NS 35/15	57.3 mm
Height NS 32	54.7 mm

Connection data

Note	Connection bolts
Conductor cross section solid min.	0.1 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	8
Conductor cross section stranded min.	0.1 mm ²
Conductor cross section stranded max.	10 mm ²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	8
Min. cross section for cable lug connection	0.1 mm ²
Max. cross section for cable lug connection	10 mm ²
Connection method	Bolt connection

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Technical data

Connection data

Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.2 Nm

classifications

eCl@ss

eCl@ss 4.0	27141126
eCl@ss 4.1	27141126
eCl@ss 5.0	27141126
eCl@ss 5.1	27141126
eCl@ss 6.0	27141126
eCl@ss 7.0	27141126
eCl@ss 8.0	27141126

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000902

UNSPSC

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

approvals

UL Recognized / GOST / GOST /

Approval details

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	45 A	45 A
mm²/AWG/kcmil		

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approvals



accessories

Partition plate

TS-KK 3 - 2770215



Screwdriver tools

SZG 0,9X6,5 VDE - 1205134



Cover profile

AP RSC-T - 3059139



End cover

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accessories

D-RSC 5-T - 3058046



Bridge

FB 10-13 - 3059126



FB 10-13 ISO - 3059663



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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accessories

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



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



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accessories

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



NS 35/15 WH UNPERF 2000MM - 1204135



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accessories

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



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



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accessories

Terminal marking

ZB 13:UNBEDRUCKT - 0829131



ZBF 13:UNBEDRUCKT - 0829133



Labeled terminal marker

ZB 13 CUS - 0829132



ZBF 13 CUS - 0829134



End block

CLIPFIX 35 - 3022218



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accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



Drawings

Circuit diagram

