

Knife disconnect terminal block - ST 2,5-TWIN-MT - 3036356

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Knife disconnect terminal block, Connection type: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Nominal current: 20 A, Nominal voltage: 400 V, Length: 72 mm, Width: 5.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

Product Features

- ✓ Three and four-conductor terminal blocks can be used for multi-conductor connections
- ✓ Tested for railway applications
- ✓ User-friendly wiring thanks to front connection
- ✓ Compact knife disconnect terminal block with a current carrying capacity of 20 A
- ✓ Test connection parallel to the disconnect point for 2.3 mm diameter test plugs
- ✓ Consistent and can be double bridged for all tasks in time-saving potential supply and distribution

Key commercial data

package_quantity	50
GTIN	4017918890384

Technical data

General

Number of levels	1
Number of connections	3
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering

General

Maximum load current	20 A (with 4 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 60947-7-1
Nominal current I _N	20 A (the maximum load current must not be exceeded by the total current of all connected conductors)

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Technical data

General

Nominal voltage U_N	400 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	72 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Connection method	Spring-cage connection
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

classifications

eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
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

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classifications

ETIM

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

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

Approval details

CSA 			
Usegroups	B	C	D
Nominal voltage UN	300 V	150 V	300 V
Nominal current IN	16 A	16 A	10 A
mm ² /AWG/kcmil	28-12	28-12	28-12

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	16 A	16 A	5 A
mm ² /AWG/kcmil	28-12	28-12	28-12

cUL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	16 A	16 A	5 A
mm ² /AWG/kcmil	28-12	28-12	28-12

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approvals



cULus Recognized 

accessories

End cover

D-ST 2,5-QUATTRO - 3030514



D-ST 2,5-QUATTRO-0,8 OG - 3030513



DP PS-5 - 3036725



Partition plate

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accessories

ATP-ST QUATTRO - 3030815



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Labeled terminal marker

WST 2,5 - 3030941



ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



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accessories

UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



Documentation

ST-IL - 3039900



Bridge

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accessories

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



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accessories

FBS 50-5 - 3038930



Mounting rail

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



Knife disconnect terminal block - ST 2,5-TWIN-MT - 3036356

accessories

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



NS 35/ 7,5 CAP - 1206560



Terminal marking

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accessories

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



Knife disconnect terminal block - ST 2,5-TWIN-MT - 3036356

accessories

Insulating sleeve

ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



Test plug terminal block

PAI-4-FIX-5/6 BU - 3035975



PAI-4-FIX-5/6 OG - 3035974



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accessories

PAI-4-FIX-5/6 YE - 3035977



PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



PAI-4-FIX-5/6 VT - 3035979



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accessories

PAI-4-FIX-5/6 BN - 3035981



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Drawings

Circuit diagram

