

# Disconnect terminal block - ST 2,5-TG - 3038435

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Disconnect terminal block, Connection type: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Nominal current: 20 A, Nominal voltage: 400 V, Length: 60.5 mm, Width: 5.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

## Product Features

- Tested for railway applications

## Key commercial data

package_quantity	50
GTIN	4017918890612

## Technical data

### General

Number of levels	1
Number of connections	2
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	16 A (with 4 mm <sup>2</sup> 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 <sub>N</sub>	20 A (current is determined by the plug used)
Nominal voltage U <sub>N</sub>	400 V (voltage is determined by the plug used)
Open side panel	ja

### Dimensions

Width	5.2 mm
Length	60.5 mm

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## Technical data

### Dimensions

Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

### Connection data

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
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	EC000903
ETIM 3.0	EC000903
ETIM 4.0	EC000902
ETIM 5.0	EC000902

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

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## classifications

### UNSPSC

<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

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

### Approval details

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

<b>UL Recognized</b>		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	16 A	16 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12

<b>cUL Recognized</b>		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	16 A	16 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12

<b>GOST</b>
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# Disconnect terminal block - ST 2,5-TG - 3038435

approvals

cULus Recognized  US

accessories

**End cover**

D-ST 2,5-TWIN - 3030488



D-ST 2,5-TWIN-0,8 OG - 3030512



DP PS-5 - 3036725



**Partition plate**

ATP-ST-TWIN - 3030789



**Screwdriver tools**

# Disconnect terminal block - ST 2,5-TG - 3038435

accessories

SZF 1-0,6X3,5 - 1204517



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## Documentation

ST-IL - 3039900



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## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



## Disconnect terminal block - ST 2,5-TG - 3038435

accessories

FBS 5-5 - 3030190



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FBS 10-5 - 3030213



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FBS 20-5 - 3030226



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FBS 50-5 - 3038930



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RB ST (2,5/4)-1,5 - 3038943



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**Mounting rail**

## Disconnect terminal block - ST 2,5-TG - 3038435

### 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



## Disconnect terminal block - ST 2,5-TG - 3038435

### accessories

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



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



NS 35/ 7,5 CAP - 1206560



### Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108





## Disconnect terminal block - ST 2,5-TG - 3038435

accessories

UCT-TM 5 - 0828734



ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



### Labeled terminal marker

ZB 5 CUS - 0824962



## Disconnect terminal block - ST 2,5-TG - 3038435

### accessories

UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



### Insulating sleeve

## Disconnect terminal block - ST 2,5-TG - 3038435

### accessories

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



## Disconnect terminal block - ST 2,5-TG - 3038435

### 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



# Disconnect terminal block - ST 2,5-TG - 3038435

accessories

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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



## Drawings

Circuit diagram

