

# Disconnect terminal block - STS 2,5-TG - 3037009

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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: 50.8 mm, Width: 5.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

## Product Features

- For use in small terminal boxes
- Compact design

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4017918904500

## Technical data

### General

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

### General

<b>Maximum load current</b>	20 A (with 4 mm <sup>2</sup> conductor cross section)
<b>Rated surge voltage</b>	6 kV
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Insulating material group</b>	I
<b>Connection in acc. with standard</b>	IEC 60947-7-1
<b>Nominal current I<sub>N</sub></b>	20 A (current is determined by the plug used)
<b>Nominal voltage U<sub>N</sub></b>	400 V (voltage is determined by the plug used)
<b>Open side panel</b>	ja

### Dimensions

<b>Width</b>	5.2 mm
<b>Length</b>	50.8 mm
<b>Height NS 35/7,5</b>	43 mm
<b>Height NS 35/15</b>	50.5 mm

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## Technical data

### 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
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	EC000903
ETIM 5.0	EC000902

### UNSPSC

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

# Disconnect terminal block - STS 2,5-TG - 3037009

## approvals

CSA / UL Recognized / cUL Recognized / GOST / LR / GL / BV / DNV / ABS / KR / NK / GOST / cULus Recognized /

### Approval details

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

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

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

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LR
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GL
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BV
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DNV
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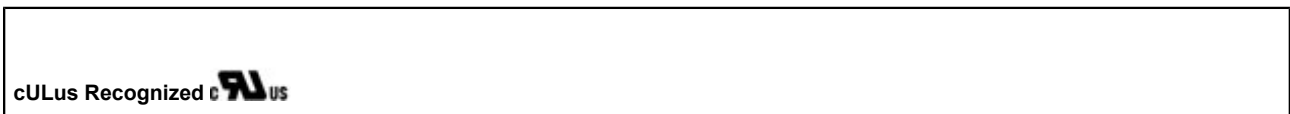
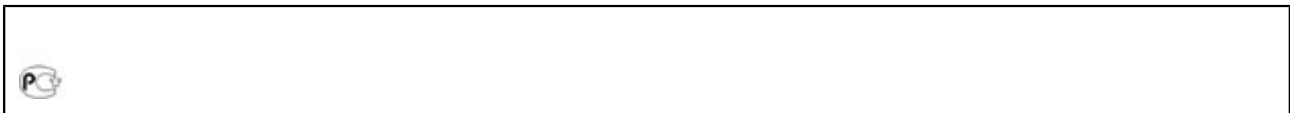
ABS
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# Disconnect terminal block - STS 2,5-TG - 3037009

approvals

KR

NK



accessories

**End cover**

D-ST5 2,5 - 3031762



DP PS-5 - 3036725



**Labeled terminal marker**

WST 2,5 - 3030941



## Disconnect terminal block - STS 2,5-TG - 3037009

### accessories

ZB 5 CUS - 0824962



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UC-TM 5 CUS - 0824581



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UCT-TM 5 CUS - 0829595



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ZBF 5 CUS - 0825025



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UC-TMF 5 CUS - 0824638



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UCT-TMF 5 CUS - 0829658



# Disconnect terminal block - STS 2,5-TG - 3037009

accessories

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## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



## Documentation

ST-IL - 3039900



## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



## Disconnect terminal block - STS 2,5-TG - 3037009

accessories

FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



## Disconnect terminal block - STS 2,5-TG - 3037009

### accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



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NS 35/ 7,5 WH PERF 2000MM - 1204119



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NS 35/ 7,5 WH UNPERF 2000MM - 1204122



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NS 35/ 7,5 AL UNPERF 2000MM - 0801704



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



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





## Disconnect terminal block - STS 2,5-TG - 3037009

accessories

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



NS 35/ 7,5 CAP - 1206560



### Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



## Disconnect terminal block - STS 2,5-TG - 3037009

### accessories

ZBF 5:UNBEDRUCKT - 0808642



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UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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### Insulating sleeve

ISH 2,5/0,2 - 3002843



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ISH 2,5/0,5 - 3002856



## Disconnect terminal block - STS 2,5-TG - 3037009

accessories

ISH 2,5/1,0 - 3002869



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### Test plug terminal block

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



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



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



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



## Disconnect terminal block - STS 2,5-TG - 3037009

### accessories

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



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



PS-5 - 3030983



## Disconnect terminal block - STS 2,5-TG - 3037009

accessories

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PS-5/2,3MM RD - 3038723



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### Knife

P-DI - 3036783



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P-DI GY - 3047390



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P-FIX - 3038956



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### Component plug terminal block

P-CO - 3036796



## Disconnect terminal block - STS 2,5-TG - 3037009

accessories

P-CO 1N4007/R-L - 3032457

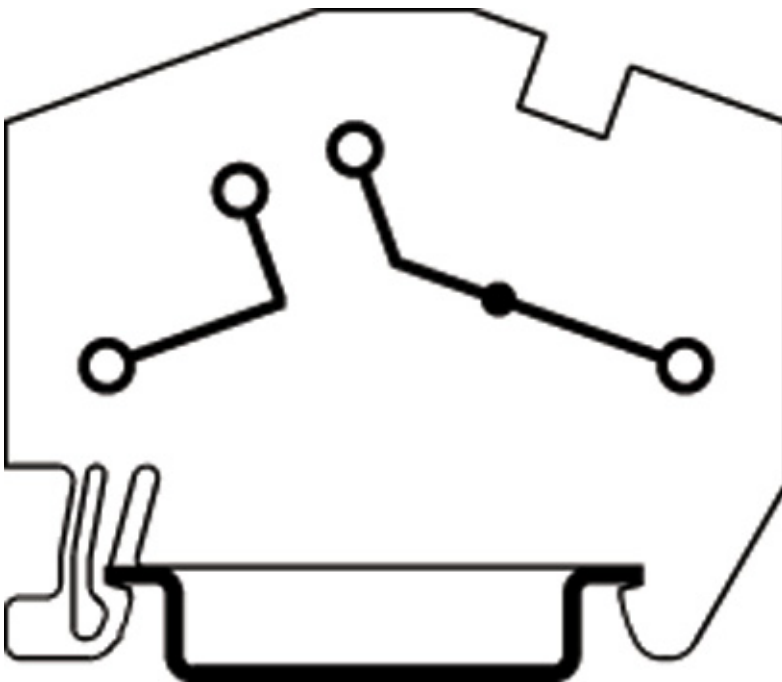


P-CO 1N4007/L-R - 3032460



## Drawings

Dimensioned drawing



## Disconnect terminal block - STS 2,5-TG - 3037009

Circuit diagram



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