

# Knife disconnect terminal block - ST 4-MT - 3038875

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Knife disconnect terminal block, Connection type: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Nominal current: 20 A, Nominal voltage: 400 V, Length: 61.5 mm, Width: 6.2 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
- Consistent and can be double bridged for all tasks in time-saving potential supply and distribution
- 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

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4017918941246

## 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
<b>Area of application</b>	Railway industry
<b>Area of application</b>	Mechanical engineering
<b>Area of application</b>	Plant engineering

### General

<b>Maximum load current</b>	16 A (with 6 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 (with 6 mm <sup>2</sup> conductor cross section)
<b>Nominal voltage U<sub>N</sub></b>	400 V

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## Technical data

### General

Open side panel	nein
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### Dimensions

Width	6.2 mm
Length	61.5 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 <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	10
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.	4 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.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Connection method	Spring-cage connection
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A4

## 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
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## classifications

### ETIM

<b>ETIM 3.0</b>	EC000902
<b>ETIM 4.0</b>	EC000902
<b>ETIM 5.0</b>	EC000902


### UNSPSC


<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

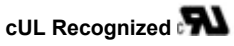
## approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized /

### Approval details


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

		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm <sup>2</sup> /AWG/kcmil	28-10	28-10

		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm <sup>2</sup> /AWG/kcmil	28-10	28-10

# Knife disconnect terminal block - ST 4-MT - 3038875

approvals

cULus Recognized  US

accessories

**Test plug terminal block**

PS-4/E - 3036709



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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



# Knife disconnect terminal block - ST 4-MT - 3038875

## accessories

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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



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### accessories

PS-6 - 3030996



PS-6/2,3MM RD - 3038736



### Partition plate

ATP-ST 4 - 3030721



### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



### Labeled terminal marker

WST 4 - 3030954



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## accessories

ZBF 6 CUS - 0825027



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UC-TMF 6 CUS - 0824646



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UCT-TMF 6 CUS - 0829665



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## Documentation

ST-IL - 3039900



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## Bridge

FBS 2-6 - 3030336



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## accessories

FBS 3-6 - 3030242



FBS 4-6 - 3030255



FBS 5-6 - 3030349



FBS 10-6 - 3030271



FBS 20-6 - 3030365



FBS 50-6 - 3032224





# Knife disconnect terminal block - ST 4-MT - 3038875

accessories

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## 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



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



## Knife disconnect terminal block - ST 4-MT - 3038875

### 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



### Insulating sleeve

ISH 4/0,5 - 3002885



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## accessories

ISH 4/1,0 - 3002898



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## End cover

DP PS-6 - 3036738



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## Terminal marking

ZBF 6:UNBEDRUCKT - 0808710



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UC-TMF 6 - 0818140



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UCT-TMF 6 - 0828746

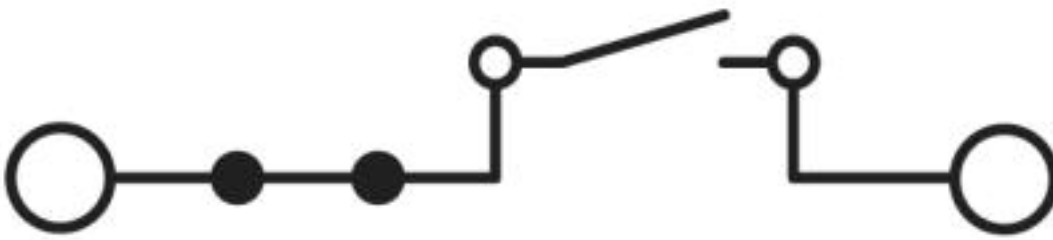


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## Drawings

## Knife disconnect terminal block - ST 4-MT - 3038875

Circuit diagram



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