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Especialistas en Automatización

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## Disconnect terminal block - QTC 1,5-TWIN-TG - 3050413

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Disconnect terminal block, Connection method: Quick connection, Cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 24 - 16, Width: 5.2 mm, Height: 39.3 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### Why buy this product

- Tested for railway applications
- Disconnect terminal block with universal disconnect zone for accommodating isolating plugs, feed-through connectors, component plugs, and fuse plugs
- The P-CO(3) component plug is used to accommodate different components such as resistors or diodes
- The P-DI (2) isolating plug can be used in all disconnect terminal blocks. Following disconnection, the P-DI can be "parked" back to front in the basic terminal block.
- The insulated P-FIX (1) feed-through connector enables the installation of a feed-through terminal of the same shape

### Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 079273

### Technical data

#### General

Note	The max. load current must not be exceeded by the total current of all connected conductors. Current and voltage are determined by the plug used.
Number of levels	1
Number of connections	3
Nominal cross section	1.5 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

# Disconnect terminal block - QTC 1,5-TWIN-TG - 3050413

## Technical data

### General

Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	17.5 A
Maximum load current	17.5 A (with 1.5 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	400 V
Open side panel	Yes

### Dimensions

Width	5.2 mm
Length	94 mm
Height NS 35/7,5	39.3 mm
Height NS 35/15	46.8 mm

### Connection data

Conductor cross section solid min.	0.25 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.25 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Connection method	Quick connection
Max. wire diameter incl. insulation	3 mm
Material wire insulation	PVC / PE
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.1-5

### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
eCl@ss 5.0	27141130
eCl@ss 5.1	27141130
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

#### Approvals

#### Approvals

#### EAC

#### Ex Approvals

#### Approvals submitted

#### Approval details

EAC
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### Drawings

#### Circuit diagram



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Product	Code	Reference	Product link
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