

- for DC
- rated value

V	220
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#### Auxiliary circuit:

<b>Contact reliability / of the auxiliary contacts</b>		1 faulty switching per 100 million (17 V, 1 mA)
<b>Number of NC contacts / for auxiliary contacts</b>		
• instantaneous switching		0
• lagging switching		0
<b>Number of NO contacts / for auxiliary contacts</b>		
• instantaneous switching		0
• leading switching		0
<b>Operating current / of the auxiliary contacts</b>		
• at AC-12 / maximum	A	10
• at AC-15		
• at 230 V	A	6
• at 400 V	A	3
• at DC-12		
• at 60 V	A	6
• at 110 V	A	3
• at 220 V	A	1
• at DC-13		
• at 24 V	A	10
• at 60 V	A	2
• at 110 V	A	1
• at 220 V	A	0.3

#### Short-circuit:

<b>Design of the fuse link</b>		
• for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A
• for short-circuit protection of the main circuit		
• with type of assignment 1 / required		fuse gL/gG: 250 A
• at type of coordination 2 / required		fuse gL/gG: 160 A

#### Installation/mounting/dimensions:

<b>Type of mounting</b>		screw and snap-on mounting onto 35 mm and 75 mm standard mounting rail
<b>series installation</b>		Yes
<b>Width</b>	mm	70
<b>Height</b>	mm	146
<b>Depth</b>	mm	152
<b>Distance, to be maintained, to earthed part / sideways</b>	mm	6

## Connection type:

### Design of the electrical connection

- for main current circuit
- for auxiliary and control current circuit

screw-type terminals

screw-type terminals

## Certificates/approvals:

### General Product Approval



CQC



CSA

[ROSTEST](#)



UL

[SUVA](#)

[Manufacturer](#)

### Shipping Approval



ABS



BUREAU  
VERITAS



GL



LRS



RINA



RMRS

### other

[Manufacturer](#)

[other](#)

## Further information:

### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

### CAX-Online-Generator

<http://www.siemens.com/cax>

### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RT1046-1BM40/all>

### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RT1046-1BM40](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1046-1BM40)