

• at DC	ms	13
Design of the relay operating mechanism		poled
Product component Plug-in socket		No

Short-circuit protection

Design of the fuse link		
• for short-circuit protection of the auxiliary switch required		fuse gG: 4 A

Auxiliary circuit

Type of switching contact		Changeover contact
Material of switching contacts		AgSnO2
Number of CO contacts		
• for auxiliary contacts		1
Operating current of auxiliary contacts at AC-15		
• at 24 V	A	3
• at 250 V	A	3
Operating current of auxiliary contacts at DC-13		
• at 24 V	A	1
• at 125 V	A	0.2
• at 250 V	A	0.1
Contact reliability of auxiliary contacts		one incorrect switching operation of 100 million switching operations (17 V, 5 mA)

Main circuit

Type of voltage		AC/DC
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Inputs/ Outputs

Property of the output Short-circuit proof		No
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Outputs

Ampacity of the output relay at AC-15		
• at 250 V at 50/60 Hz	A	3
Ampacity of the output relay at DC-13		
• at 24 V	A	1
• at 125 V	A	0.2
• at 250 V	A	0.1

Electromagnetic compatibility

EMC emitted interference		
• acc. to IEC 60947-1		ambience A (industrial sector)
EMI immunity		
• acc. to IEC 60947-1		corresponds to degree of severity 3
Conducted interference		
• due to burst acc. to IEC 61000-4-4		2 kV

• due to conductor-earth surge acc. to IEC 61000-4-5	2 kV
• due to conductor-conductor surge acc. to IEC 61000-4-5	1 kV
Field-bound parasitic coupling acc. to IEC 61000-4-3	10 V/m
Electrostatic discharge acc. to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge

Display

Display version	
• as status display by LED	LED green

Connections/Terminals

Product function		No
• removable terminal		
Type of electrical connection		screw-type terminals
• for auxiliary and control current circuit		
Wire length		
• at AC maximum	m	500
• at DC maximum	m	1 000
Type of connectable conductor cross-sections		
• solid		1x (0.25 ... 2.5 mm ²)
• finely stranded with core end processing		1x (0.25 ... 1.5 mm ²)
• at AWG conductors solid		1 x (20 ... 14)
Connectable conductor cross-section		
• solid	mm ²	0.25 ... 2.5
• finely stranded with core end processing	mm ²	0.25 ... 1.5
AWG number as coded connectable conductor cross section		
• solid		20 ... 14
Tightening torque		
• with screw-type terminals	N·m	0.5 ... 0.6

Installation/ mounting/ dimensions

Mounting position		any
Mounting type		snap-on mounting
Height	mm	93
Width	mm	6.2
Depth	mm	72.5
Required spacing		
• with side-by-side mounting		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	0
— downwards	mm	0