

AUXILIARY SWITCH BLOCK, DIN EN 50005,
2NO, CONNECTION FROM BELOW,
SCREW CONNECTION,
F. CONTACTOR RELAYS A. CONTACT. FOR SWITCHING
MOTORS,
SIZES00

General technical data:

product brand name		SIRIUS
Acceptability for application		Contactor relay and power contactor
Protection class IP / on the front		IP20
Ambient temperature		
• during storage	°C	-55 ... +80
• during operating	°C	-25 ... +60
Mechanical operating cycles as operating time		
• typical		10,000,000
Electrical operating cycles as operating time / at AC-15 / at 230 V		
• typical		200,000
Contact reliability		one incorrect switching operation of 100 million switching operations (17 V, 5 mA)
Contact reliability / of the auxiliary contacts		1 faulty switching per 100 million (17 V, 1 mA)
Insulation voltage / with degree of pollution 3		
• rated value	V	690
Impulse voltage resistance		
• rated value	kV	6

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts		
• instantaneous switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		2
Operating current / of the auxiliary contacts / at AC-12		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
Operating current		
• of the auxiliary contacts		

• at AC-14 • at 125 V • at 250 V • at AC-15 • at 24 V • at 230 V • at 400 V • at AC-15 / at 690 V	A A A A A A	6 6 6 6 3 1
Operating current • with 2 current paths in series / at DC-12 • at 24 V / rated value • at 60 V / rated value • at 110 V / rated value • at 220 V / rated value • at 440 V / rated value • at 600 V / rated value • with 3 current paths in series / at DC-12 • at 24 V / rated value • at 60 V / rated value • at 110 V / rated value • at 220 V / rated value • at 440 V / rated value • at 600 V / rated value	A A A A A A A A A A A A	10 10 4 2 1.3 0.65 10 10 10 3.6 2.5 1.8
Operating current • of the auxiliary contacts / at DC-13 • at 24 V • at 60 V • at 110 V • at 220 V • with 2 current paths in series / at DC-13 • at 24 V / rated value • at 60 V / rated value • at 110 V / rated value • at 220 V / rated value • at 440 V / rated value • at 600 V / rated value • with 3 current paths in series / at DC-13 • at 24 V / rated value • at 60 V / rated value • at 110 V / rated value	A A A A A A A A A A A A A	6 2 1 0.3 10 3.5 1.3 0.9 0.2 0.1 10 4.7 3

- at 220 V / rated value
- at 440 V / rated value
- at 600 V / rated value

A	1.2
A	0.5
A	0.26

Installation/ mounting/ dimensions:

Mounting type		snap-on mounting
Width	mm	36.5
Height	mm	37.5
Depth	mm	41.5

Connections/ terminals:

Design of the electrical connection		
• for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section		
• for auxiliary contacts		
• finely stranded		
• with conductor end processing		2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
• for AWG conductors / for auxiliary contacts		2x (20 ... 16), 2x (18 ... 14)

Safety:

Product function / mirror contact to IEC 60947-4-1		Yes
• comment		with 3RT1
Product function / positively driven operation to IEC 60947-5-1		Yes
• comment		with 3RH1

Certificates/ approvals:

General Product Approval	Functional Safety / Safety of Machinery	Declaration of Conformity
 CCC	 UL	 EG-Konf.
 CSA	 EAC	Type Examination

Test Certificates	Shipping Approval
Special Test Certificate	 ABS
	 BUREAU VERITAS
	 GL
	 RMRS

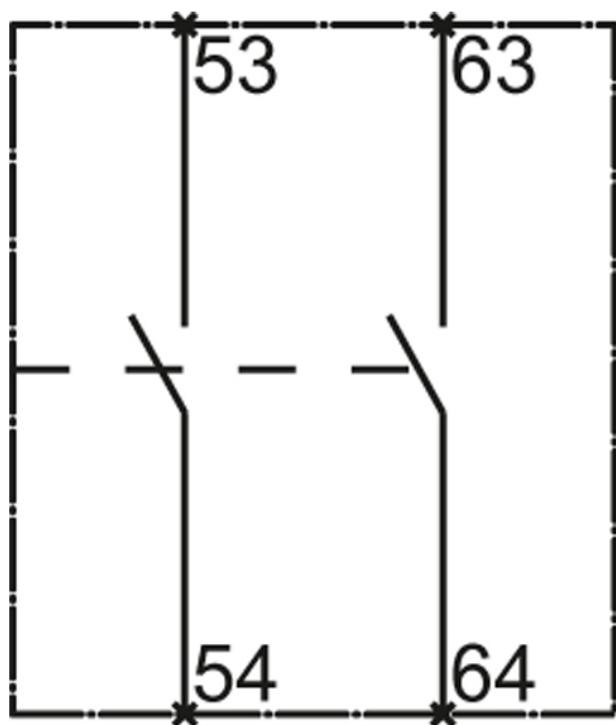
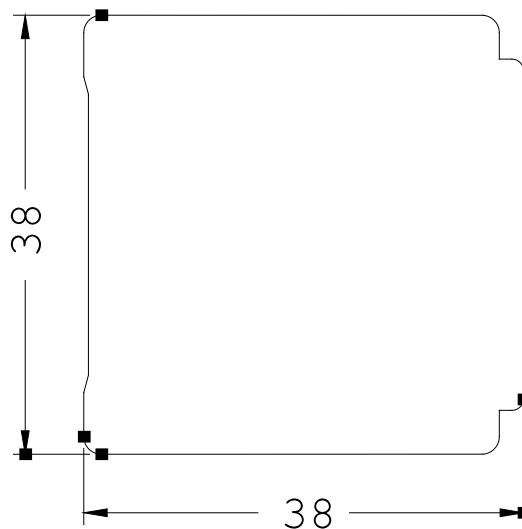
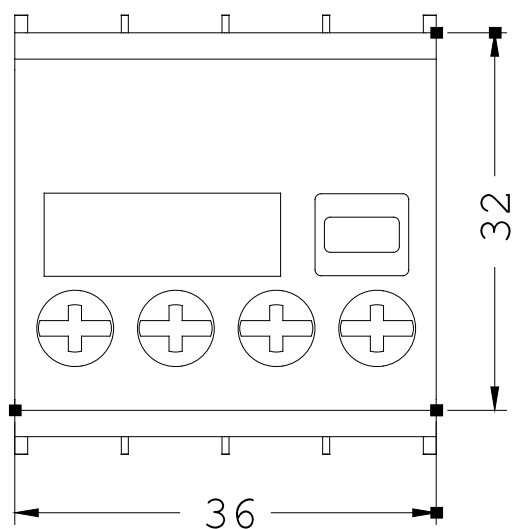
other

[other](#)

[Environmental Confirmations](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>



last change:

Jun 16, 2014