

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
• at 400 V	A	10
• at 690 V	A	10
• maximum	A	10

Operating current / of the auxiliary contacts / at AC-14 <ul style="list-style-type: none"> • at 125 V • at 250 V 	A A	6 6
Operating current / of the auxiliary contacts / at AC-15 <ul style="list-style-type: none"> • at 24 V • at 230 V • at 690 V • at 400 V 	A A A A	6 6 1 3
Operating current <ul style="list-style-type: none"> • with 2 current paths in series / at DC-12 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • of the auxiliary contacts / at DC-13 <ul style="list-style-type: none"> • at 24 V • at 60 V • at 110 V • at 220 V • with 2 current paths in series / at DC-13 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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:

Type of mounting		snap-on mounting
Width	mm	36.5
Height	mm	37.5
Depth	mm	41.5










Connections:

Design of the electrical connection		screw-type terminals
<ul style="list-style-type: none"> • for auxiliary and control current circuit 		
Type of the connectable conductor cross-section		
<ul style="list-style-type: none"> • for auxiliary contacts 		
<ul style="list-style-type: none"> • solid 		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
<ul style="list-style-type: none"> • finely stranded 		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
<ul style="list-style-type: none"> • with conductor end processing 		2x (20 ... 16), 2x (18 ... 14)
<ul style="list-style-type: none"> • for AWG conductors / for auxiliary contacts 		

Safety-related Parameter:

Product function / mirror contact to IEC 60947-4-1		Yes
Product function / positively driven operation to IEC 60947-5-1		Yes

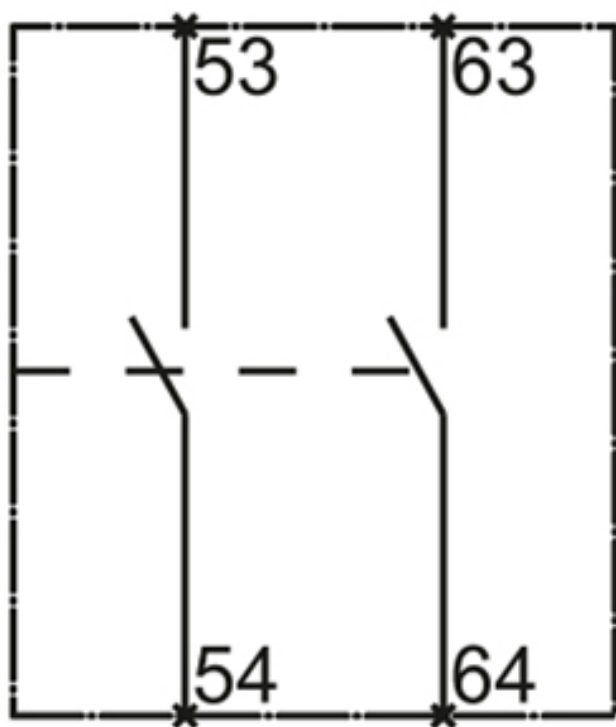
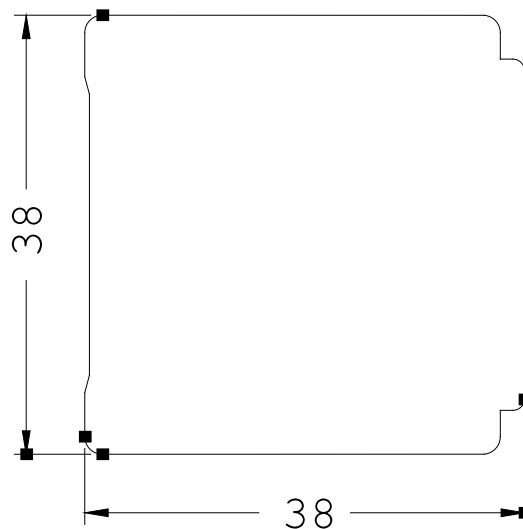
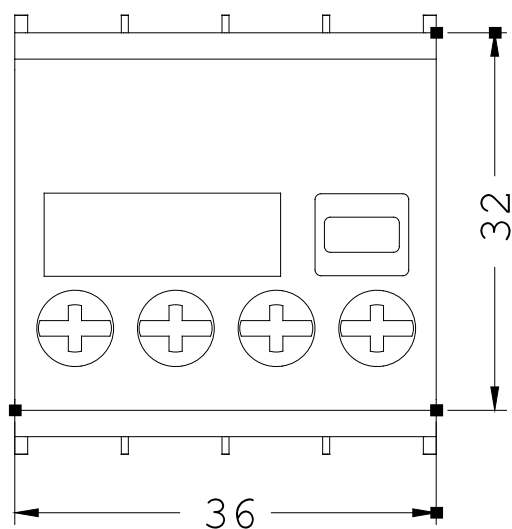
Certificates/approvals:

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

Feb 25, 2013