

AUXILIARY SWITCH BLOCK, 62E, 2NO+2NC, DIN EN50011, SCREW CONNECTION, FOR CONTACTOR RELAYS, 4-POLE

General technical data:

product brand name		SIRIUS
Suitability for use		Contactor relay and power contactor
Protection class IP on the front		IP20
Ambient temperature		
• during storage	°C	-55 ... +80
• during operation	°C	-25 ... +60
Mechanical service life (switching cycles) typical		10 000 000
Electrical endurance (switching cycles) 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 auxiliary contacts		1 faulty switching per 100 million (17 V, 1 mA)
Insulation voltage with degree of pollution 3 rated value	V	690
Surge voltage resistance rated value	kV	6

Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
• instantaneous contact		2
Number of NO contacts for auxiliary contacts		
• instantaneous contact		2
Operating current of auxiliary contacts at AC-12		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
Operating current		
• of auxiliary contacts		
— at AC-14		
— at 125 V	A	6
— at 250 V	A	6
— at AC-15		
— at 24 V	A	6
— at 230 V	A	6
— at 400 V	A	3
• at AC-15 at 690 V rated value	A	1

Operating current		
• with 2 current paths in series at DC-12		
— at 24 V rated value	A	10
— at 60 V rated value	A	10
— at 110 V rated value	A	4
— at 220 V rated value	A	2
— at 440 V rated value	A	1.3
— at 600 V rated value	A	0.65
• with 3 current paths in series at DC-12		
— at 24 V rated value	A	10
— at 60 V rated value	A	10
— at 110 V rated value	A	10
— at 220 V rated value	A	3.6
— at 440 V rated value	A	2.5
— at 600 V rated value	A	1.8
Operating current		
• of auxiliary contacts at DC-13		
— at 24 V	A	6
— at 60 V	A	2
— at 110 V	A	1
— at 220 V	A	0.3
• with 2 current paths in series at DC-13		
— at 24 V rated value	A	10
— at 60 V rated value	A	3.5
— at 110 V rated value	A	1.3
— at 220 V rated value	A	0.9
— at 440 V rated value	A	0.2
— at 600 V rated value	A	0.1
• with 3 current paths in series at DC-13		
— at 24 V rated value	A	10
— at 60 V rated value	A	4.7
— at 110 V rated value	A	3
— at 220 V rated value	A	1.2
— at 440 V rated value	A	0.5
— at 600 V rated value	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:






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


Safety related data:

Product function Mirror contact acc. to IEC 60947-4-1 <ul style="list-style-type: none"> • Note 		Yes with 3RT1
Product function positively driven operation acc. to IEC 60947-5-1 <ul style="list-style-type: none"> • Note 		Yes with 3RH1

Certificates/ approvals:

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

Test Certificates	Shipping Approval
spezielle Prüfbescheinigungen  ABS  BUREAU VERITAS  GL  LRS  RINA	

Shipping Approval	other	Railway
 RMRS	sonstig Umweltbestätigung Bestätigungen	Bestätigungen

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>
Industry Mall (Online ordering system)
<http://www.siemens.com/industrymall>
Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH19111GA22>

