

AUXILIARY SWITCH BLOCK, 31, 3NO+1NC,
 DIN EN50005, CAGE CLAMP CONNECTION,
 F. CONTACTOR RELAYS A. CONTACT. FOR SWITCHING
 MOTORS,
 SIZE S00

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	1
Number of NO contacts / for auxiliary contacts	
• instantaneous switching	3
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	

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
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• 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	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 the 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
- at 600 V / rated value

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	46

Connections/ terminals:

Design of the electrical connection		spring-loaded 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 • finely stranded • with conductor end processing • without conductor final cutting • for AWG conductors / for auxiliary contacts 		2x (0.5 ... 1.5 mm ²) 2x (0.5 ... 2.5 mm ²) 2x (20 ... 14)

Safety:

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

Certificates/ approvals:

General Product Approval	Functional Safety / Safety of Machinery	Declaration of Conformity
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[Type Examination](#)

Test Certificates

[Special Test Certificate](#)

Shipping Approval



GL

LRS

other

[other](#) [Environmental Confirmations](#)

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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

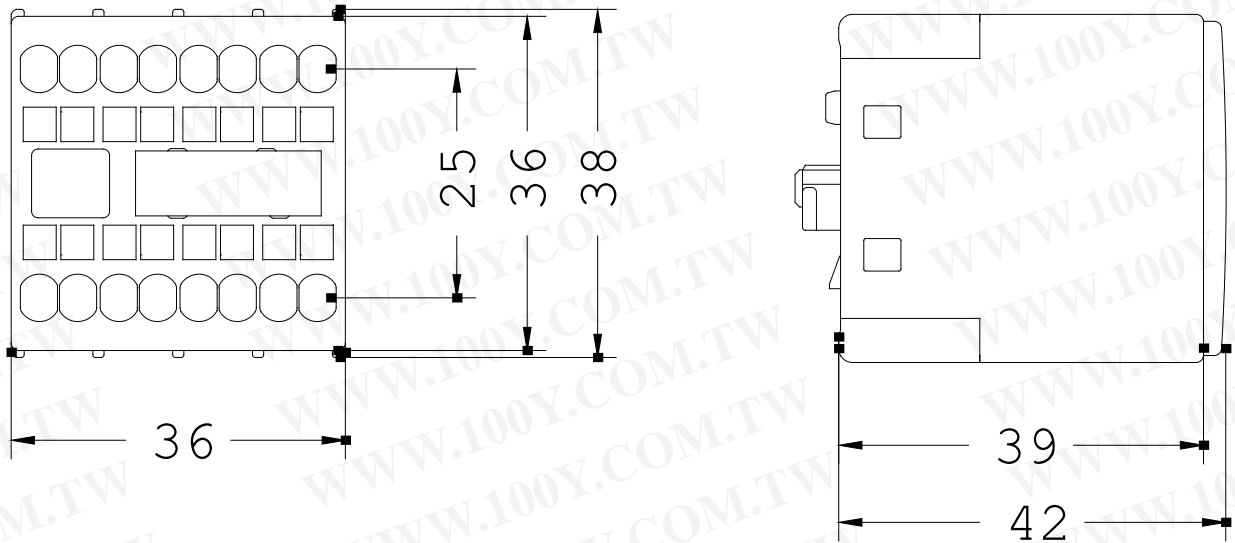
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RH1911-2FA31/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH1911-2FA31



last change:

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