




SIEMENS

Data sheet

3RH6911-1FA40

Auxiliary switch block, front, 4 NO, current path 1 NO, 1 NO, 1 NO, 1 NO, for contactor relays and motor contactors, 3RT2 screw terminals, .3 / .4, .3 / .4, .3 / .4, .3 / .4

product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
suitability for use	Contactor relay and power contactor
General technical data	
size of contactor	S00
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP20
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	200 000
Substance Prohibition (Date)	10/01/2009
Net Weight	0.056 kg
number of NC contacts for auxiliary contacts	
• instantaneous contact	0
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	4
• leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current at AC-15 at 690 V rated value	1 A
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
operational current of auxiliary contacts at AC-14	
• at 125 V	6 A
• at 250 V	6 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
• at 24 V	6 A
• at 230 V	6 A
• at 400 V	3 A
operational current of auxiliary contacts at DC-12	
• at 24 V	10 A
• at 110 V	3 A
• at 220 V	1 A
operational current with 2 current paths in series at DC-12	
• at 24 V rated value	10 A
• at 60 V rated value	10 A
• at 110 V rated value	4 A
• at 220 V rated value	2 A
• at 440 V rated value	1.3 A
• at 600 V rated value	0.65 A
operational current with 3 current paths in series at DC-12	
• at 24 V rated value	10 A
• at 60 V rated value	10 A
• at 110 V rated value	10 A
• at 220 V rated value	3.6 A

<ul style="list-style-type: none"> • at 440 V rated value • at 600 V rated value 	2.5 A 1.8 A	
operational current 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 	10 A 3.5 A 1.3 A 0.9 A 0.2 A 0.1 A	
operational current 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 • at 220 V rated value • at 440 V rated value • at 600 V rated value 	10 A 4.7 A 3 A 1.2 A 0.5 A 0.26 A	
operational current of auxiliary contacts at DC-13		
<ul style="list-style-type: none"> • at 24 V • at 48 V • at 60 V • at 110 V • at 125 V • at 220 V • at 250 V 	6 A 2 A 2 A 1 A 0.9 A 0.3 A 0.3 A	
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)	
Ambient conditions		
ambient temperature		
<ul style="list-style-type: none"> • during operation • during storage 	-25 ... +60 °C -55 ... +80 °C	
Safety related data		
product function		
<ul style="list-style-type: none"> • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 	Yes Yes	
Installation/ mounting/ dimensions		
fastening method	snap-on mounting	
height	37.5 mm	
width	36 mm	
depth	43.7 mm	
Connections/ Terminals		
type of electrical connection for auxiliary and control circuit	screw-type terminals	
connectable conductor cross-section for auxiliary contacts		
<ul style="list-style-type: none"> • solid or stranded • finely stranded with core end processing 	0.5 ... 2.5 mm ² 0.5 ... 2.5 mm ²	
type of connectable conductor cross-sections		
<ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts 	2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (20 ... 16), 2x (18 ... 14)	
AWG number as coded connectable conductor cross section for auxiliary contacts	20 ... 14	
Approvals Certificates		
General Product Approval	Test Certificates	other
		Special Test Certificate Miscellaneous Confirmation
		

Environment

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Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH6911-1FA40>

Cax online generator

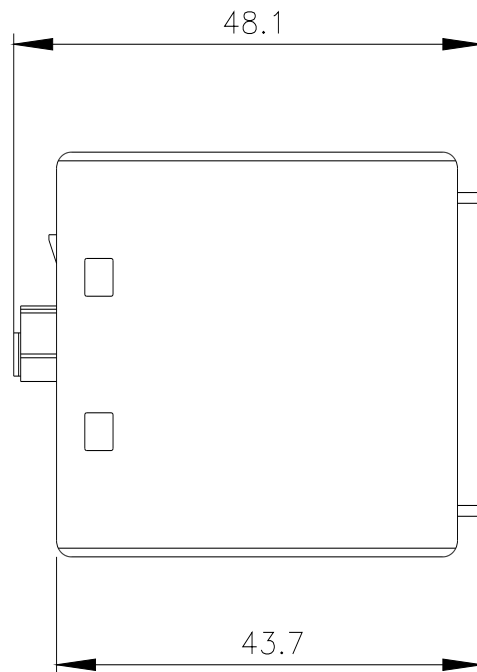
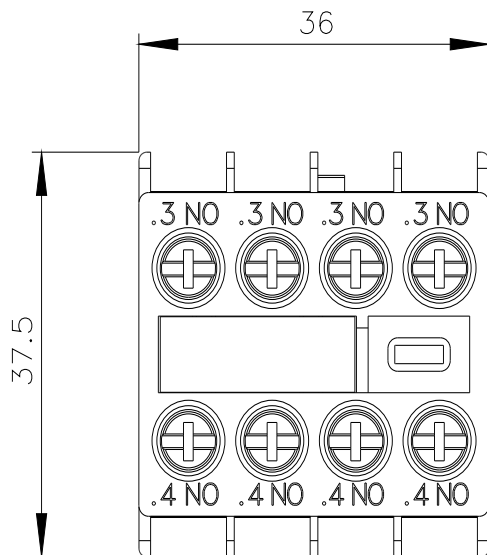
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH6911-1FA40>

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

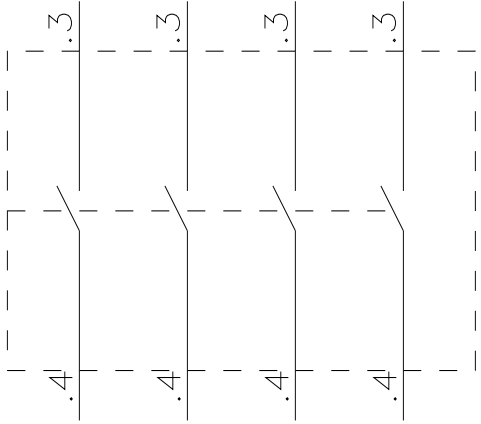
<https://support.industry.siemens.com/cs/ww/en/ps/3RH6911-1FA40>

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

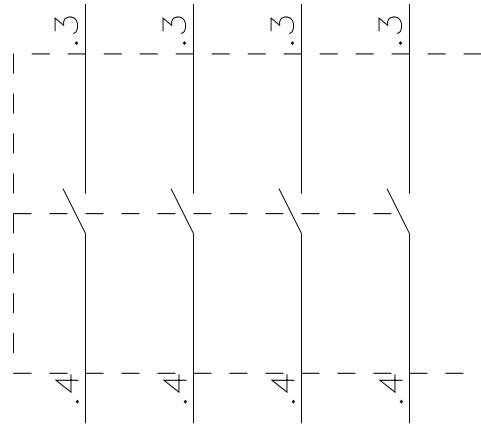
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH6911-1FA40&lang=en



3RT2



3RH2



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4/3/2025 

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