



Auxiliary switch on the front, 3 NO + 1 NC Current path 1 NO, 1 NC, 1 NO, 1 NO for contactor relays Size S00 Ring cable lug connection 53/54, 63/64, 73/74, 83/84 Physically coded; only with contactor relays 3RH2140\* and 3RH2440\* can be combined (according to EN 50011)

General technical data	
product brand name	SIRIUS
suitability for use	Contactor relay
protection class IP on the front	IP00
ambient temperature	
• during storage	-55 ... +80 °C
• during operation	-25 ... +60 °C
mechanical service life (switching cycles) typical	10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	200 000
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
Auxiliary circuit	
number of NC contacts for auxiliary contacts	
• instantaneous contact	1
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	3
• leading contact	0
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
• maximum	10 A
operational current	
• of auxiliary contacts	
— at AC-14	
— at 125 V	6 A
— at 250 V	6 A
— at AC-15	
— at 24 V	6 A
— at 230 V	6 A
— at 400 V	3 A
• at AC-15 at 690 V rated value	1 A
operational current	
• of auxiliary contacts at DC-12	
— at 24 V	10 A
— at 110 V	3 A
— at 220 V	1 A

<ul style="list-style-type: none"> <li>with 2 current paths in series at DC-12 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>with 3 current paths in series at DC-12 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> </ul>	10 A 10 A 4 A 2 A 1.3 A 0.65 A  10 A 10 A 10 A 3.6 A 2.5 A 1.8 A
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<b>operational current</b>	
<ul style="list-style-type: none"> <li>of auxiliary contacts at DC-13 <ul style="list-style-type: none"> <li>at 24 V</li> <li>at 60 V</li> <li>at 110 V</li> <li>at 220 V</li> </ul> </li> <li>with 2 current paths in series at DC-13 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>with 3 current paths in series at DC-13 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> </ul>	6 A 2 A 1 A 0.3 A  10 A 3.5 A 1.3 A 0.9 A 0.2 A 0.1 A  10 A 4.7 A 3 A 1.2 A 0.5 A 0.26 A

### Installation/ mounting/ dimensions

<b>fastening method</b>	snap-on mounting
<b>width</b>	36 mm
<b>height</b>	37.5 mm
<b>depth</b>	43.7 mm

### Connections/ Terminals

<b>type of electrical connection for auxiliary and control circuit</b>	ring terminal lug connection
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### Safety related data

<b>product function mirror contact according to IEC 60947-4-1</b>	No
<b>product function positively driven operation according to IEC 60947-5-1</b>	Yes
<ul style="list-style-type: none"> <li>note</li> </ul>	with 3RH2

### Certificates/ approvals

#### General Product Approval



[Confirmation](#)



[KC](#)



EMC	Functional Safety/Safety of Machinery	Test Certificates	Marine / Shipping
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[Type Examination Certificate](#)

[Special Test Certificate](#)

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Marine / Shipping

other



[Confirmation](#)

other

Railway

[Environmental Confirmations](#)



[Type Test Certificates/Test Report](#)

[Vibration and Shock](#)

Further information

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=3RH2911-4GA31>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-4GA31>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4GA31>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-4GA31&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-4GA31&lang=en)

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