



front-side auxiliary switch, 2 NO contacts, 2 NC contacts, screw terminal, for contactors 3RT1, sequence numbers 5...8

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	-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	2
number of NO contacts for auxiliary contacts	
• instantaneous contact	2
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	
<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	
<b>Installation/ mounting/ dimensions</b>		
<b>fastening method</b>	snap-on mounting	
<b>width</b>	44 mm	
<b>height</b>	38 mm	
<b>depth</b>	51 mm	
<b>Connections/ Terminals</b>		
<b>type of electrical connection for auxiliary and control circuit</b>	screw-type terminals	
<b>type of connectable conductor cross-sections</b>		
<ul style="list-style-type: none"><li>• for auxiliary contacts<ul style="list-style-type: none"><li>— finely stranded</li><li>— with core end processing</li></ul></li><li>• at AWG cables for auxiliary contacts</li></ul>	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) 2x (20 ... 16), 2x (18 ... 14)	
<b>Safety related data</b>		
<b>product function mirror contact acc. to IEC 60947-4-1</b>	Yes	
<ul style="list-style-type: none"><li>• note</li></ul>	with 3RT1	
<b>product function positively driven operation acc. to IEC 60947-5-1</b>	No	
<b>Certificates/ approvals</b>		
<b>General Product Approval</b>	<b>Functional Safety/Safety of Machinery</b>	<b>Declaration of Conformity</b>



[Type Examination Certificate](#)

[Miscellaneous](#)

Declaration of Conformity	Test Certificates	Shipping Approval	other	Railway
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[Special Test Certificate](#)



[Confirmation](#)

[Special Test Certificate](#)

#### 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=3RH1921-1XA22-0MA0>

Cax online generator

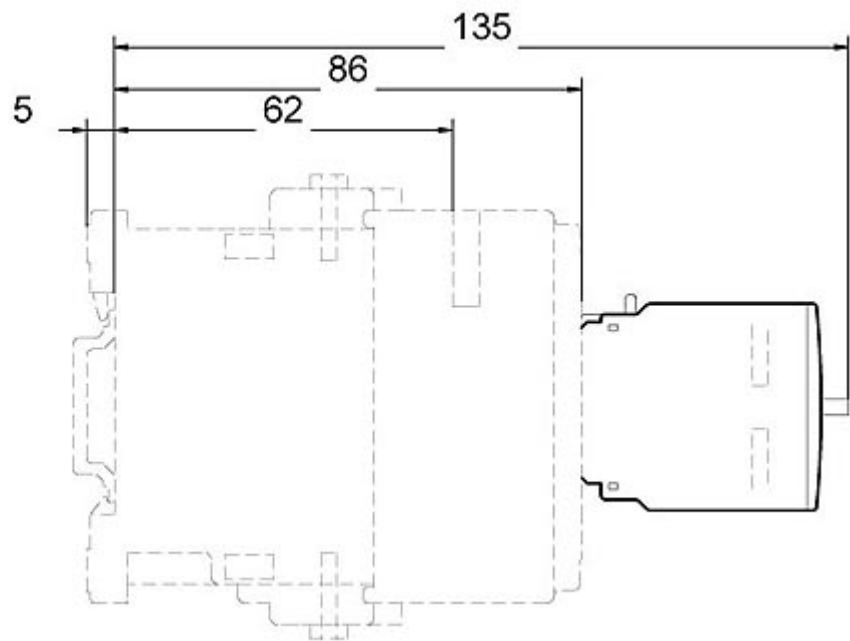
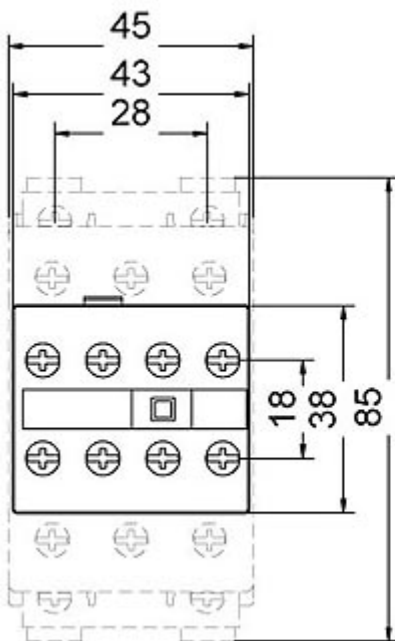
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-1XA22-0MA0>

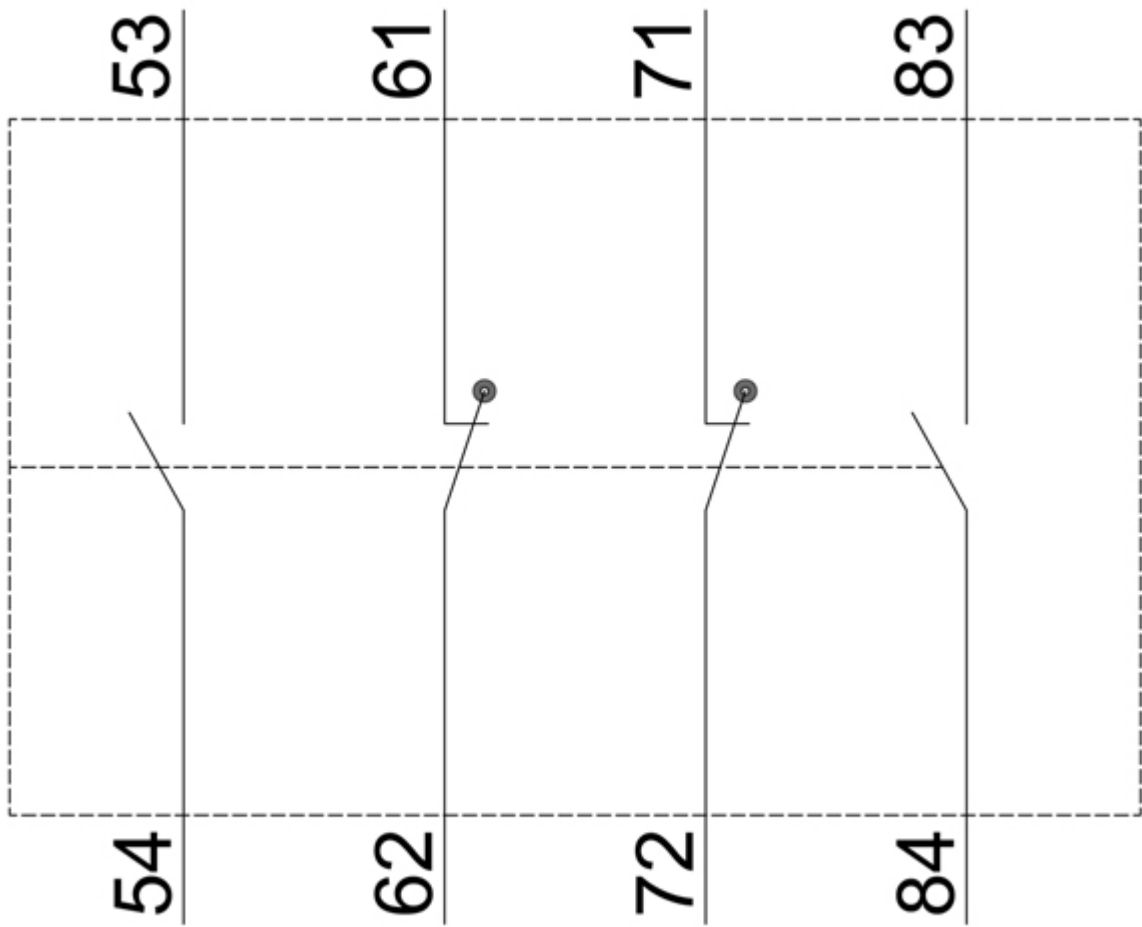
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-1XA22-0MA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH1921-1XA22-0MA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-1XA22-0MA0&lang=en)





last modified:

12/21/2020 