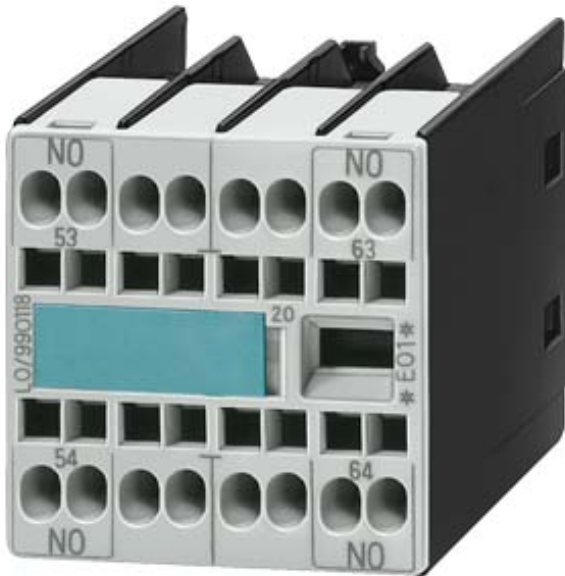


Solid-state compatible Auxiliary switch 02 EN 50005 2-pole Spring-type terminal Size S00 2 NC (encapsulated) For auxiliary and motor contactors !!! Phased-out product !!! Successor is SIRIUS 3RH2 Preferred successor type is >>3RH2911-2NF02<<



General technical data	
Product brand name	SIRIUS
Suitability for use	Contact relay and power contactor
Protection class IP on the front	IP20
Ambient temperature	
<ul style="list-style-type: none"> during storage during operation 	-55 ... +80 °C -25 ... +60 °C
Mechanical service life (switching cycles) typical	5 000 000
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	
<ul style="list-style-type: none"> instantaneous contact 	2
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> instantaneous contact 	0
Operating current	
<ul style="list-style-type: none"> of auxiliary contacts at DC-13 	

— at 24 V	0.3 A
— at 60 V	0.3 A

Installation/ mounting/ dimensions

Mounting type	snap-on mounting
Width	36.5 mm
Height	37.5 mm
Depth	46 mm

Connections/ Terminals

Type of electrical connection for auxiliary and control current circuit	spring-loaded terminals
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — finely stranded <ul style="list-style-type: none"> — with core end processing — without core end processing • at AWG conductors for auxiliary contacts 	<ul style="list-style-type: none"> 2x (0.5 ... 1.5 mm²) 2x (0.5 ... 2.5 mm²) 2x (20 ... 14)

Safety related data

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

Certificates/ approvals

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



Declaration of Conformity	Test Certificates	Shipping Approval	other
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[Miscellaneous](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



[Confirmation](#)

Railway

[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=3RH1911-2NF02>

Cax online generator

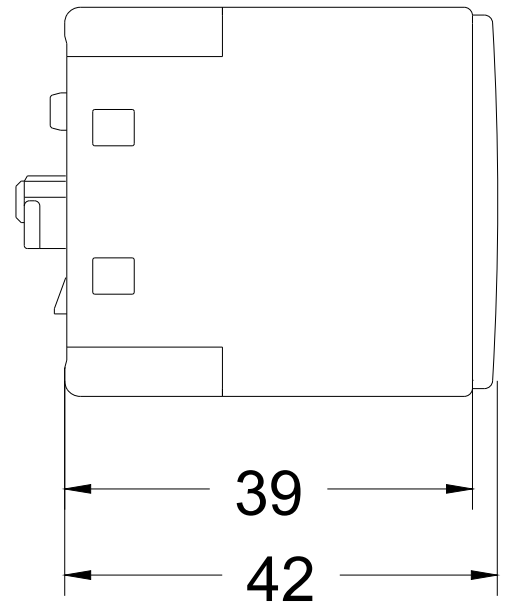
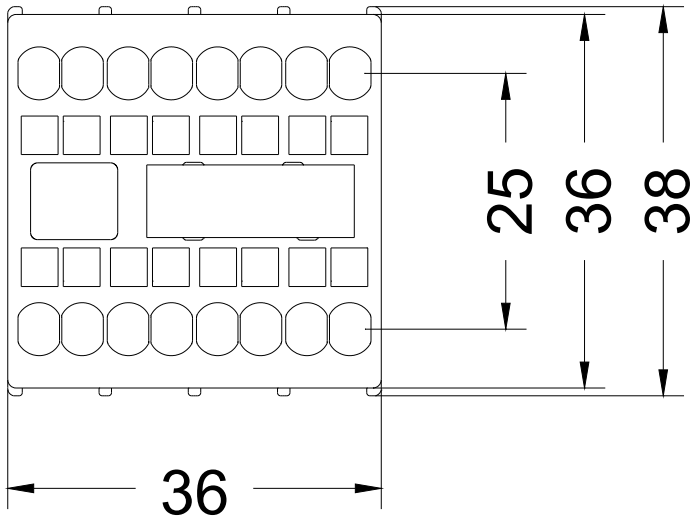
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1911-2NF02>

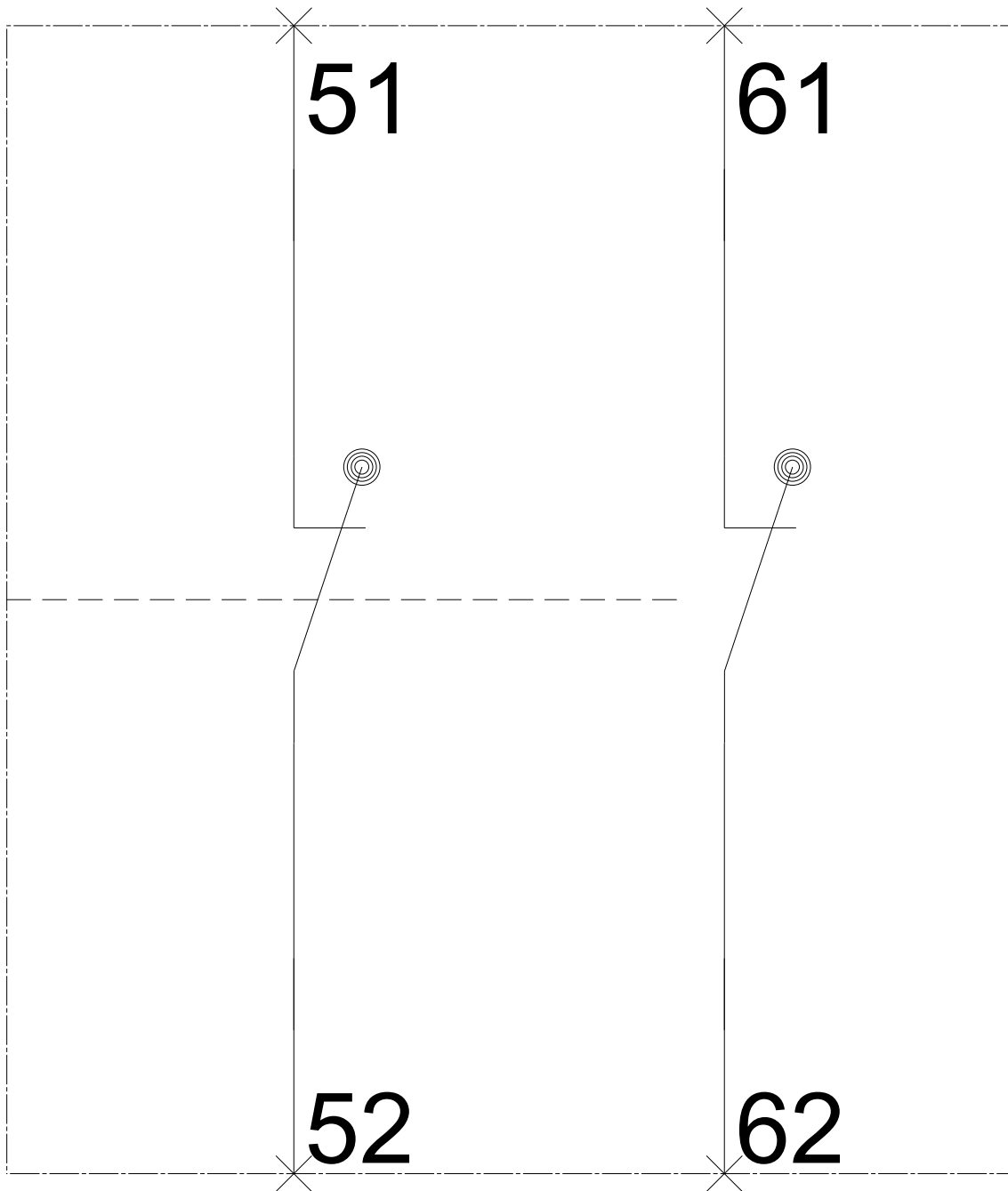
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH1911-2NF02>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1911-2NF02&lang=en





last modified:

04/30/2020