SIEMENS

Data sheet 3RH1921-1EA11



first lateral auxiliary switch 1 NO, 1 NC, screw terminal, for contactors 3RT1

product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	first laterally mountable
product type designation	3RH19
suitability for use	Contactor relay and power contactor
General technical data	
size of contactor	S0
insulation voltage with degree of pollution 3 at AC rated value	500 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 Prohibitance (Date)	07/01/2006
number of NC contacts for auxiliary contacts	
instantaneous contact	1
number of NO contacts for auxiliary contacts	
instantaneous contact	1
number of CO contacts of auxiliary contacts instantaneous contact	0
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

* alt 440 V rated value	
a 12 4 V rated value	
■ at 60 V rated value ■ at 110 V rated value ■ at 220 V rated value ■ at 240 V rated value ■ at 240 V rated value ■ at 240 V rated value ■ at 24 V rated value ■ at 60 V rated value ■ at 110 V rated value ■ at 220 V rated value ■ at 240 V rated value ■ at 220 V rated value ■ at 240 V rated value □ 5.A ■ at 220 V rated value □ 5.A ■ at 220 V rated value □ 5.A ■ at 250 V at 240 ■ at 110 V at 24 ■ at 110 V at 24 ■ at 120 V at 250 V at 250 V ■ at 120 V at 250 V ■ at 120 V at 250 V ■ at 1250 V ■ at 1250 V ■ at 1250 V ■ at 1250 V ■ at 250 V □ at 250 V ■ at 250 V □ a	
* at 220 V rated value * at 440 V rated value * operational current with 2 current paths in series at DC-13 * at 24 V rated value * at 60 V rated value * at 110 V rated value * at 220 V rated value * at 220 V rated value * at 24 V rated value * at 220 V rated value * at 24 V rated value * at 110 V rated value * at 220 V rated value * at 220 V rated value * at 220 V rated value * at 240 V at 80 V * at 250 W * at 250 V * at 250 W * at 250 V *	
at 440 V rated value 2.5 A	
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fastening methodsnap-on mountingheight80 mmwidth10 mm	
height80 mmwidth10 mm	
width 10 mm	
depth 71 mm	
type of electrical connection for auxiliary and control circuit screw-type terminals	
connectable conductor cross-section for auxiliary contacts	
• solid or stranded 0.5 2.5 mm²	
• finely stranded with core end processing 0.5 2.5 mm²	
type of connectable conductor cross-sections	
• for auxiliary contacts	
— solid or stranded 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
— finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
• for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14)	
AWG number as coded connectable conductor cross section for auxiliary contacts	
Approvals Certificates	
General Product Approval Safety chine	







<u>nfirmation</u>



EA

Type Examination Certificate

Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping



Confirmation

other

Special Test Certificate

Railway

Vibration and Shock

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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=3RH1921-1EA11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-1EA11

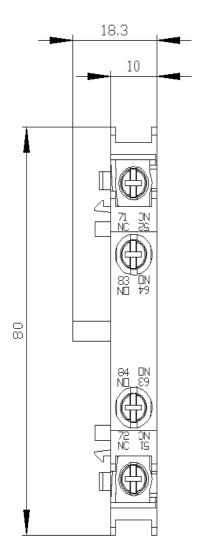
 ${\bf Service \& Support\ (Manuals,\ Certificates,\ Characteristics,\ FAQs,...)}$

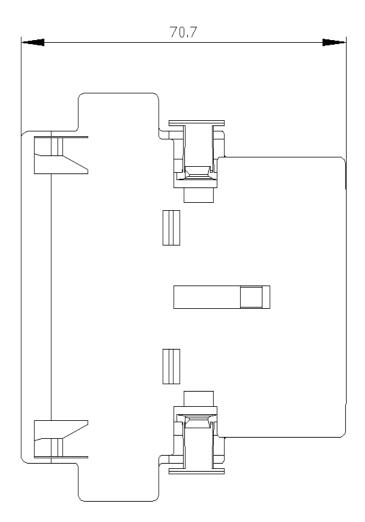
https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-1EA11

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-1EA11\&lang=en}}$

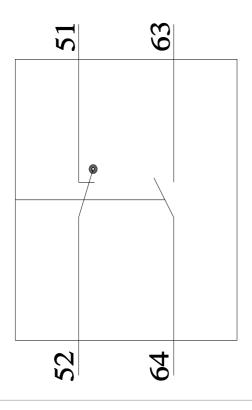


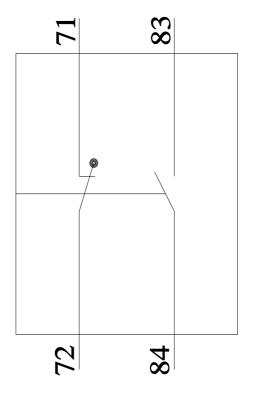




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