SIEMENS

Data sheet

3RH1921-1KA11



second 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	second can be mounted laterally			
product type designation	3RH19			
suitability for use	Contactor relay and power contactor			
Seneral 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			

• at 440 V rated value	1.3 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	
 at 440 V rated value 	2.5 A	
operational current with 2 current paths in series at DC-13		
 at 24 V rated value 	10 A	
 at 60 V rated value 	3.5 A	
• at 110 V rated value	1.3 A	
 at 220 V rated value 	0.9 A	
at 440 V rated value	0.2 A	
operational current with 3 current paths in series at DC-13		
• at 24 V rated value	10 A	
• at 60 V rated value	4.7 A	
• at 110 V rated value	3 A	
• at 220 V rated value	1.2 A	
• at 440 V rated value	0.5 A	
operational current of auxiliary contacts at DC-13		
• at 24 V	6 A	
• at 48 V	2 A	
• at 60 V	2 A	
• at 110 V	1 A	
● at 125 V	0.9 A	
• at 220 V	0.3 A	
• at 250 V	0.3 A	
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)	
Ambient conditions		
ambient temperature		
during operation	-25 +60 °C	
during storage	-55 +80 °C	
Safety related data		
product function		
 mirror contact according to IEC 60947-4-1 	Yes; with 3RT1	
 positively driven operation according to IEC 60947-5-1 	No	
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)	
Installation/ mounting/ dimensions		
fastening method	snap-on mounting	
height	80 mm	
width	10 mm	
depth	71 mm	
Connections/ Terminals		
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	20 14	
Approvals Certificates		
General Product Approval		Functional Safety/Safety of Ma- chinery

SP CSA	<u>Confirmation</u>		KC	EAC	<u>Type Examination Cer-</u> <u>tificate</u>
Declaration of Conformi	ty	Test Certificates		Marine / Shipping	
UK CA	CE EG-Konf.	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	BUREAU VERITAS
Marine / Shipping			other	Railway	
Llovd's Register urs	RINA		<u>Confirmation</u>	<u>Special Test Certific-</u> <u>ate</u>	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)

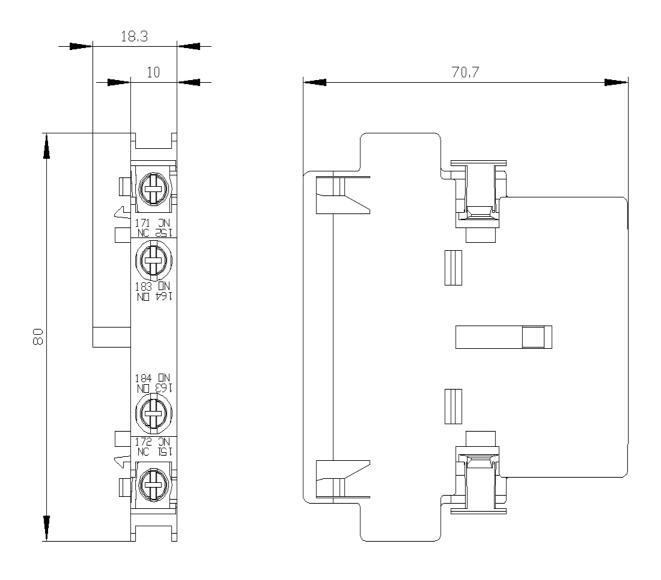
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH1921-1KA11

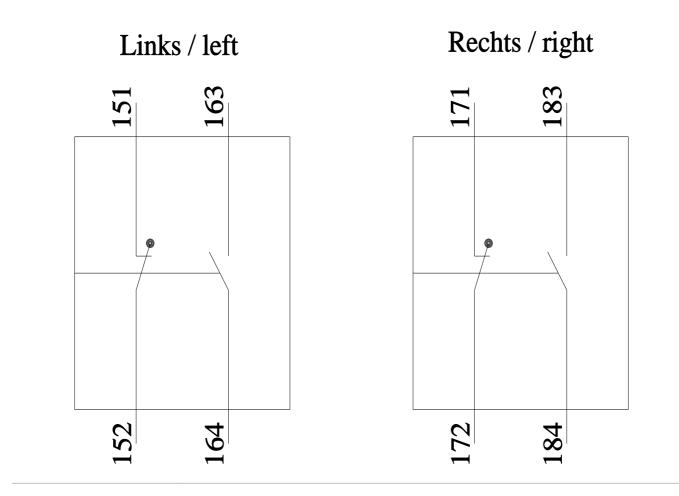
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-1KA11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-1KA11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-1KA11&lang=en





last modified:

