# **SIEMENS**

Data sheet 3RH1921-2JE11



second lateral Auxiliary switch, 1 NO, 1 NC, spring-type terminal, for contactors  $3\mbox{RT1}$ 

product brand name suitability for use protection class IP on the front ambient temperature  • during operation • during storage • during operation or talk of the content	General technical data	
protection class IP on the front ambient temperature  • during storage • during operation mechanical service life (operating cycles) typical contact reliability of auxiliary contacts insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value  Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NC contacts for auxiliary contacts • instantaneous contact number of NC contacts for auxiliary contacts • instantaneous contact number of NC contacts for auxiliary contacts • instantaneous contact operational current • of auxiliary contacts at DC-13 — at 24 V — at 60 V  Installation/mounting/dimensions fastening method width height depth 72.5 mm 71 mm  Connections/ Terminals  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • for auxiliary contacts — finely stranded — with core end processing — without core end processing - at AWG cables for auxiliary contacts  Food of function mirror contact according to IEC 69947-4-1 • note product function mirror contact according to IEC end of the food of the cord of th	product brand name	SIRIUS
ambient temperature  • during operation during operation mechanical service life (operating cycles) typical contact reliability of auxiliary contacts insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value  Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact 1 number of NC contacts for auxiliary contacts • instantaneous contact 1 operational current • of auxiliary contacts at DC-13 — at 24 V — at 60 V  Installation/ mounting/ dimensions  fastening method width 10 nmm height 72.5 mm depth  Connections/ Terminals type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • for auxiliary contacts — finely stranded — with core end processing — without core end processing — without core end processing • at AVG cables for auxiliary contact services  I faulty switching per 100 million (17 V, 1 mA)  1 faulty switching p	suitability for use	Contactor relay and power contactor
• during storage • during operation • 25 +60 °C  5 000 000  1 faulty switching per 100 million (17 V, 1 mA)  500 V  Auxiliary circuit  number of NC contacts for auxiliary contacts • instantaneous contact • instantaneous contact • or fauxiliary contacts • instantaneous contact  1 operational current • of auxiliary contacts at DC-13 - at 24 V - at 60 V  0 .3 A - at 60 V  Installation/ mounting/ dimensions  fastening method width • 10 mm height depth  72.5 mm 71 mm  Connections/ Terminals type of electrical connection for auxiliary and control circuit type of electrical connection • for auxiliary contacts  • for auxiliary contacts - finely stranded - with core end processing - without core end processing - at AVIC cables for auxiliary contacts - for auxiliary contacts - for auxiliary contacts - finely stranded - with core end processing - without core end processing - at AVIC cables for auxiliary contacts - finely stranded - with core end processing - without core end processing - with core end processing - with core end processing - without core end processing -	protection class IP on the front	IP20
during operation     mechanical service life (operating cycles) typical contact reliability of auxiliary contacts insulation voltage with degree of pollution 3 at AC rated value     surge voltage resistance rated value  Auxiliary circuit  number of NC contacts for auxiliary contacts     instantaneous contact     oinstantaneous contact     instantaneous contact     of auxiliary contacts at DC-13     — at 24 V     — at 60 V     o.3 A	ambient temperature	
mechanical service life (operating cycles) typical contact reliability of auxiliary contacts insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value 6 kV  Auxiliary circuit number of NC contacts for auxiliary contacts  • instantaneous contact number of NC contacts for auxiliary contacts  • instantaneous contact number of NC contacts for auxiliary contacts  • instantaneous contact operational current  • of auxiliary contacts at DC-13  — at 24 V	<ul> <li>during storage</li> </ul>	-55 +80 °C
contact reliability of auxiliary contacts insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value  Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operational current • of auxiliary contacts at DC-13 — at 24 V — at 60 V  Installation mounting/ dimensions  fastening method width height height for numitally contacts  • or auxiliary contacts  • or auxiliary contacts   **Connections/ Torminals**  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • for auxiliary contacts — with core end processing — without core end processing • at AWC cables for auxiliary contacts  **Safety related data**  product function mirror contact according to IEC 69947-4-1 • note product function positively driven operation  **Inability switching per 100 million (17 V, 1 mA)  500 V  500 V  500 V  500 V  500 V  6 kV   Auxiliary contacts  1  0 .3 A 0 .3 A 0 .3 A 0 .3 A  Inability contacts on mounting 10 mm 72.5 mm 72.5 mm 71 mm  Connections/ Torminals  **Torminals**  **Connections/ Torminals  **Torminals**  **Connections/ Torminals  **Torminals**  **Connections/ Torminals  **Torminals**  **Torminals	<ul> <li>during operation</li> </ul>	-25 +60 °C
insulation voltage with degree of pollution 3 at AC rated value  Auxiliary circuit  number of NC contacts for auxiliary contacts  instantaneous contact  number of NO contacts for auxiliary contacts  instantaneous contact  operational current  of auxiliary contacts at DC-13  — at 24 V	mechanical service life (operating cycles) typical	5 000 000
rated value  surge voltage resistance rated value  Auxiliary circuit  number of NC contacts for auxiliary contacts  • instantaneous contact  1 number of NC contacts for auxiliary contacts  • instantaneous contact  1 operational current  • of auxiliary contacts at DC-13  — at 24 V — at 60 V 0,3 A  Installation/ mounting/ dimensions  fastening method  width height 72.5 mm depth 71 mm  Connections/ Terminals  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections  • for auxiliary contacts — finely stranded — with core end processing — without core end processing • at AWG cables for auxiliary contacts  safety related data  product function mirror contact according to IEC 69947-4-1 • note product function positively driven operation  6 kV  Auxiliary contacts  1 on the contact according to IEC 69847-4-1  • note product function positively driven operation  6 kV  Auxiliary contacts  1 on the contact according to IEC 69847-4-1  • note product function positively driven operation  6 kV  Auxiliary contacts  1 on the contact according to IEC 69847-4-1  • note product function positively driven operation  6 kV  Auxiliary contacts  1 on the contact according to IEC 69847-4-1  • note product function positively driven operation	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Auxiliary circuit  number of NC contacts for auxiliary contacts  instantaneous contact  instantaneous contact  operational current  of auxiliary contacts at DC-13  - at 24 V  - at 60 V  0.3 A  Installation/ mounting/ dimensions  fastening method width height depth 72.5 mm  Connections/ Terminals  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections  of auxiliary contacts  - finely stranded - with core end processing - with core end processing of at AWG cables for auxiliary contacts  at AWG cables for auxiliary contacts  product function mirror contact according to IEC 69947-4-1  onte of NO contacts of auxiliary contacts  1  1  1  1  1  1  1  1  1  1  1  1  1		500 V
number of NC contacts for auxiliary contacts	surge voltage resistance rated value	6 kV
instantaneous contact number of NO contacts for auxiliary contacts  instantaneous contact operational current of auxiliary contacts at DC-13 — at 24 V	Auxiliary circuit	
number of NO contacts for auxiliary contacts  instantaneous contact operational current  of auxiliary contacts at DC-13  — at 24 V — at 60 V  Installation/ mounting/ dimensions  fastening method width height for auxiliary contacts  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections of or auxiliary contacts — finely stranded — with core end processing — without core end processing other auxiliary contacts  at AWG cables for auxiliary contacts  product function mirror contact according to IEC floods 7 Yes floods 7 Y	number of NC contacts for auxiliary contacts	
instantaneous contact operational current of auxiliary contacts at DC-13 — at 24 V	<ul> <li>instantaneous contact</li> </ul>	1
operational current  • of auxiliary contacts at DC-13  — at 24 V — at 60 V 0.3 A  Installation/ mounting/ dimensions  fastening method width height depth 72.5 mm depth 71 mm  Connections/ Terminals  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • for auxiliary contacts — finely stranded — with core end processing — without core end processing 2x (0.5 1.5 mm²) — without core end processing • at AWG cables for auxiliary contacts  product function mirror contact according to IEC 60947-4-1 • note product function positively driven operation  0.3 A 0.4 C 0.3 A 0.4 C 0.5 M 0.5 M 0.6 M 0.8 A 0.9 A 0	number of NO contacts for auxiliary contacts	
of auxiliary contacts at DC-13         — at 24 V	<ul> <li>instantaneous contact</li> </ul>	1
- at 24 V	operational current	
- at 60 V 0.3 A  Installation/ mounting/ dimensions  fastening method snap-on mounting width 10 mm 72.5 mm 72.5 mm 74 mm  Connections/ Terminals  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections  • for auxiliary contacts  — finely stranded  — with core end processing 2x (0.5 1.5 mm²)  — without core end processing 2x (0.5 2.5 mm²)  • at AWG cables for auxiliary contacts 2x (20 14)  Safety related data  product function mirror contact according to IEC 60947-4-1  • note product function positively driven operation  No	<ul> <li>of auxiliary contacts at DC-13</li> </ul>	
Installation/ mounting/ dimensions  fastening method	— at 24 V	0.3 A
fastening method width height fastening method width height fastening method width height fastening method fastening method width height fastening method fastening fastening fastening method fastening fastening fastening method fastening fastening fastening method fastening fastening fastening fastening method fastening f	— at 60 V	0.3 A
width height 72.5 mm  depth 71 mm  Connections/ Terminals  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections  • for auxiliary contacts  — finely stranded  — with core end processing 2x (0.5 1.5 mm²)  — without core end processing 2x (0.5 2.5 mm²)  • at AWG cables for auxiliary contacts 2x (20 14)  Safety related data  product function mirror contact according to IEC 60947-4-1  • note with 3RT1  product function positively driven operation	Installation/ mounting/ dimensions	
height 72.5 mm 71 mm  Connections/ Terminals  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections  • for auxiliary contacts  — finely stranded  — with core end processing — without core end processing 2x (0.5 1.5 mm²) — without core end processing 2x (0.5 2.5 mm²)  • at AWG cables for auxiliary contacts  2x (20 14)  Safety related data  product function mirror contact according to IEC 60947-4-1  • note product function positively driven operation  No	fastening method	snap-on mounting
depth 71 mm  Connections/ Terminals  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections  • for auxiliary contacts  — finely stranded  — with core end processing — without core end processing 2x (0.5 1.5 mm²) — without core end processing 2x (0.5 2.5 mm²)  • at AWG cables for auxiliary contacts  Safety related data  product function mirror contact according to IEC 60947-4-1  • note product function positively driven operation  71 mm  72 mm  74 mm  75 mm²-loaded terminals  2x (0.5 1.5 mm²)  2x (0.5 1.5 mm²)  2x (20 14)  Safety related data  Product function mirror contact according to IEC 60947-4-1  • note product function positively driven operation	width	
type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections  • for auxiliary contacts  — finely stranded  — with core end processing — without core end processing • at AWG cables for auxiliary contacts  Safety related data  product function mirror contact according to IEC 60947-4-1 • note product function positively driven operation  spring-loaded terminals  \$\$x (0.5 1.5 mm²)  2x (0.5 1.5 mm²)  2x (0.5 2.5 mm²)  2x (20 14)	height	
type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections  • for auxiliary contacts  — finely stranded  — with core end processing  — without core end processing  • at AWG cables for auxiliary contacts  product function mirror contact according to IEC  60947-4-1  • note  product function positively driven operation  spring-loaded terminals  \$\$x (0.5 1.5 mm²)\$  2x (0.5 2.5 mm²)  2x (0.5 2.5 mm²)  2x (20 14)  Yes	depth	71 mm
circuit  type of connectable conductor cross-sections  • for auxiliary contacts  — finely stranded  — with core end processing — without core end processing  • at AWG cables for auxiliary contacts   Safety related data  product function mirror contact according to IEC 60947-4-1  • note product function positively driven operation   very contact of the conductor		
<ul> <li>for auxiliary contacts         <ul> <li>finely stranded</li> <li>with core end processing</li> <li>without core end processing</li> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function mirror contact according to IEC 60947-4-1</li> <li>note</li> <li>mote</li> <li>with 3RT1</li> <li>product function positively driven operation</li> </ul> </li> </ul>		spring-loaded terminals
<ul> <li>— finely stranded         <ul> <li>— with core end processing</li> <li>— without core end processing</li> <li>— without core end processing</li> <li>2x (0.5 2.5 mm²)</li> </ul> </li> <li>■ at AWG cables for auxiliary contacts</li> <li>2x (20 14)</li> <li>Safety related data         <ul> <li>product function mirror contact according to IEC 60947-4-1</li> <li>■ note</li> <li>with 3RT1</li> <li>product function positively driven operation</li> <li>No</li> </ul> </li> </ul>	**	
<ul> <li>— with core end processing</li> <li>— without core end processing</li> <li>— at AWG cables for auxiliary contacts</li> <li>Eafety related data</li> <li>product function mirror contact according to IEC 60947-4-1</li> <li>■ note</li> <li>product function positively driven operation</li> <li>2x (0.5 2.5 mm²)</li> <li>2x (20 14)</li> <li>Yes</li> <li>With 3RT1</li> <li>No</li> </ul>	<ul> <li>for auxiliary contacts</li> </ul>	
<ul> <li>— without core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> <li>2x (0.5 2.5 mm²)</li> <li>2x (20 14)</li> </ul> </li> <li>Safety related data         <ul> <li>product function mirror contact according to IEC</li> <li>60947-4-1</li> <li>note</li> <li>with 3RT1</li> <li>product function positively driven operation</li> <li>No</li> </ul> </li> </ul>	— finely stranded	
at AWG cables for auxiliary contacts      2x (20 14)  Safety related data  product function mirror contact according to IEC 60947-4-1     • note with 3RT1  product function positively driven operation  No	·	
Safety related data  product function mirror contact according to IEC 60947-4-1  ● note  product function positively driven operation  No	· · · · · · · · · · · · · · · · · · ·	
product function mirror contact according to IEC 60947-4-1  • note product function positively driven operation  Yes  with 3RT1  No	at AWG cables for auxiliary contacts	2x (20 14)
• note with 3RT1  product function positively driven operation No	Safety related data	
product function positively driven operation No		Yes
		with 3RT1
		No

### Certificates/ approvals

#### **General Product Approval**

**Functional** Safety/Safety of Machinery

**Declaration of** Conformity



Confirmation





**Type Examination Certificate** 



**Declaration of** Conformity

**Test Certificates** 

Marine / Shipping

other

Railway



**Special Test Certific-**<u>ate</u>





Confirmation

**Special Test Certific-**<u>ate</u>

### 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=3RH1921-2JE11

Cax online generator

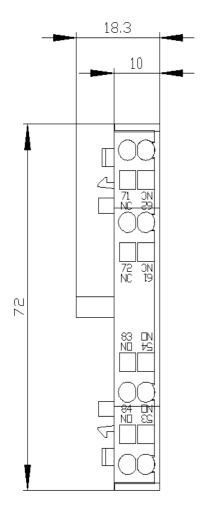
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-2JE11

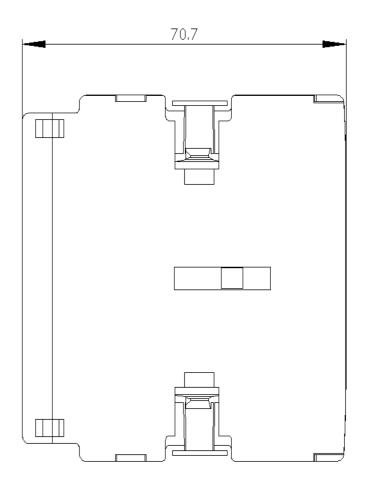
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-2JE11

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

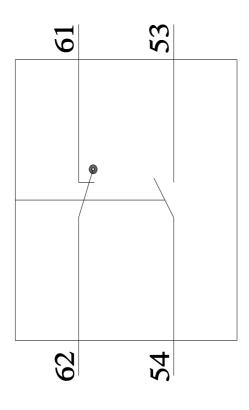
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RH1921-2JE11&lang=en

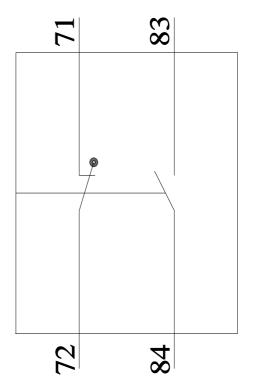




## Links / left

# Rechts / right





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