SIEMENS

Data sheet 3RH1921-2DE11



first lateral auxiliary switch 1 NO, 1 NC, encapsulated (solid-state compatible), spring-type terminal, for contactors 3RT1

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	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	500 V
surge voltage resistance rated value	6 kV
Auxiliary circuit	
number of NC contacts for auxiliary contacts	
● instantaneous contact	1
number of NO contacts for auxiliary contacts	
● instantaneous contact	1
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	
● of auxiliary contacts at DC-13	
— at 24 V	0.3 A
— at 60 V	0.3 A
Installation/ mounting/ dimensions	
fastening method	snap-on mounting
width	10 mm
height	72.5 mm
depth	71 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	spring-loaded terminals
type of connectable conductor cross-sections	
● for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.5 mm²)

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— 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 acc. to IEC 60947-4-1	Yes
● note	with 3RT1
product function positively driven operation acc. to IEC 60947-5-1	No

Certificates/ approvals

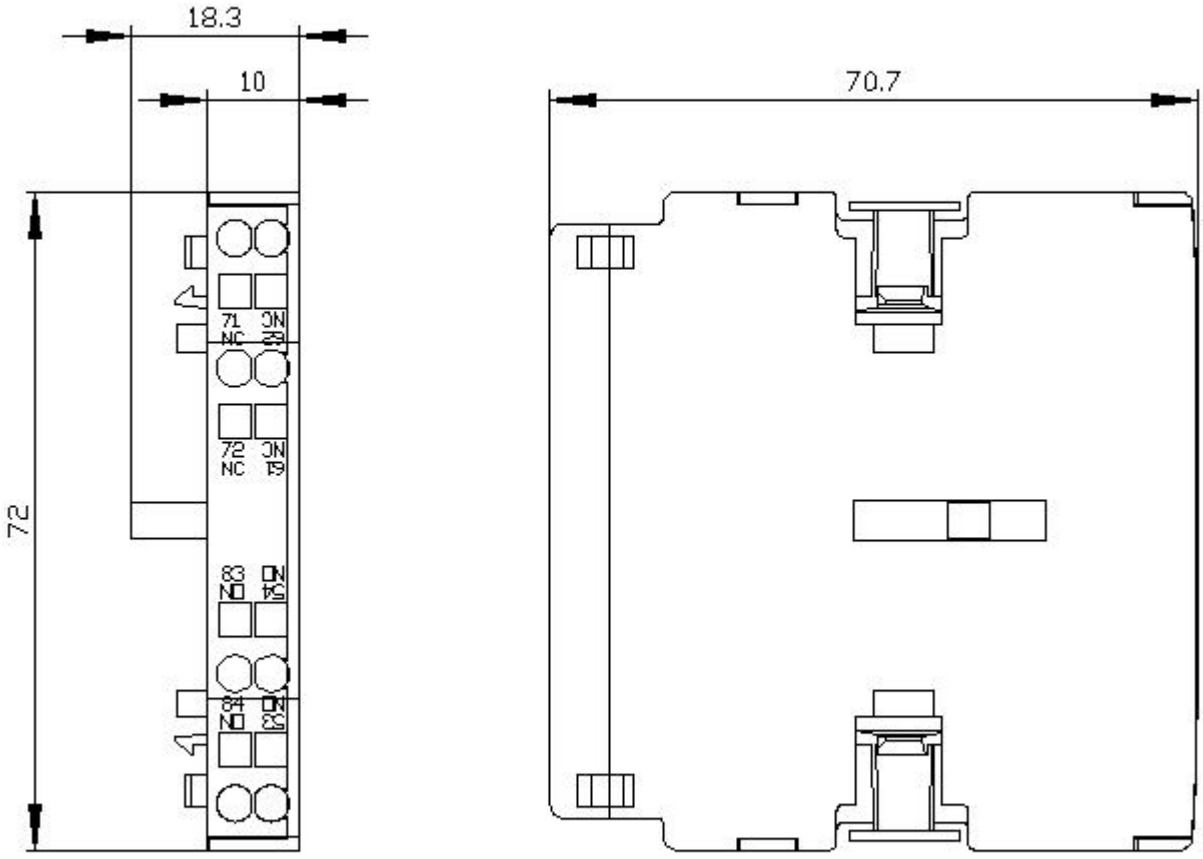
General Product Approval			Functional Safety/Safety of Machinery	Declaration of Conformity	
CSA	UL	EAC	Type Examination Certificate	EG-Konf.	Miscellaneous

Test Certificates	Shipping Approval		other	Railway
Special Test Certificate	ABS	RMRS	Confirmation	Special Test Certificate

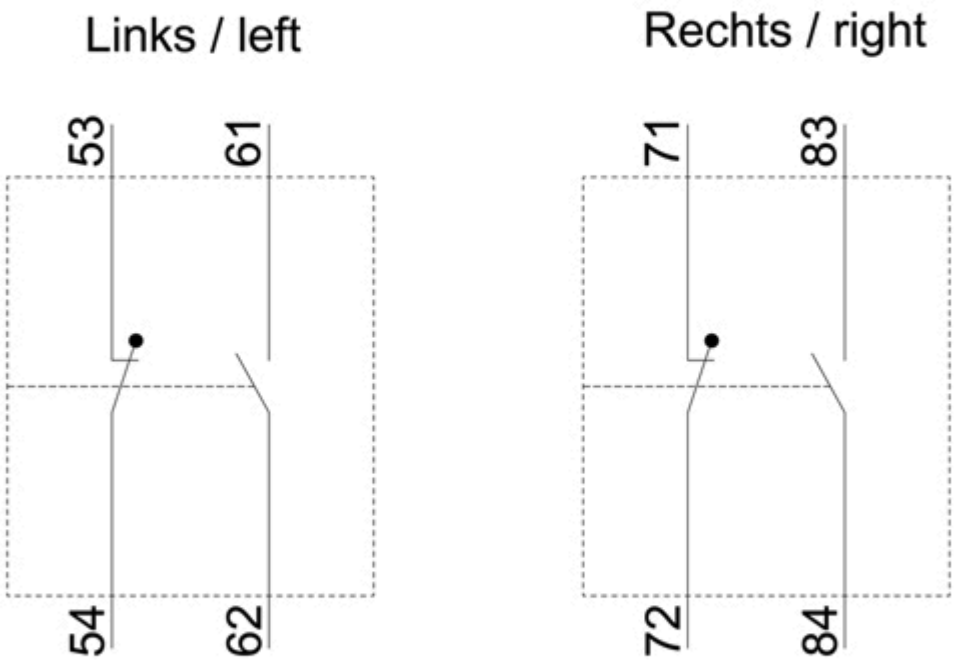
Further information

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=3RH1921-2DE11
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-2DE11
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-2DE11
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-2DE11&lang=en

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