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Data sheet 3RH5921-1DA11

	AUX. switch block, 1 NO + 1 NC, DIN EN 50005, lateral, 10 mm, screw terminal, size S0...S12 for motor contactor, 2-pole 1. lateral auxiliary switch
product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	first laterally mountable
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 (day/month/year)	07/01/2006
Net Weight	0.038 kg
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

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● 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
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

Environment	General Product Approval	other
Environmental Confirmations	CCC, cULus, EAC, CE EG-Konf.	Confirmation

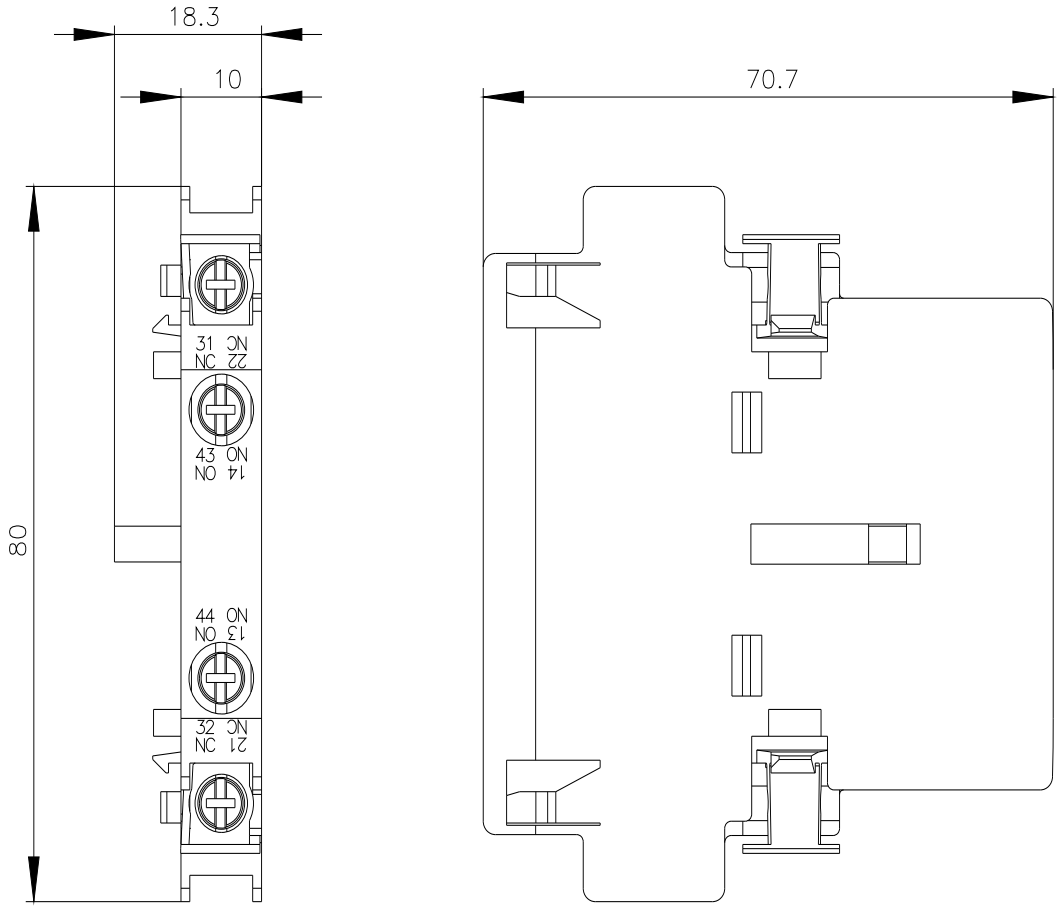
other

产品合格 QC PASS

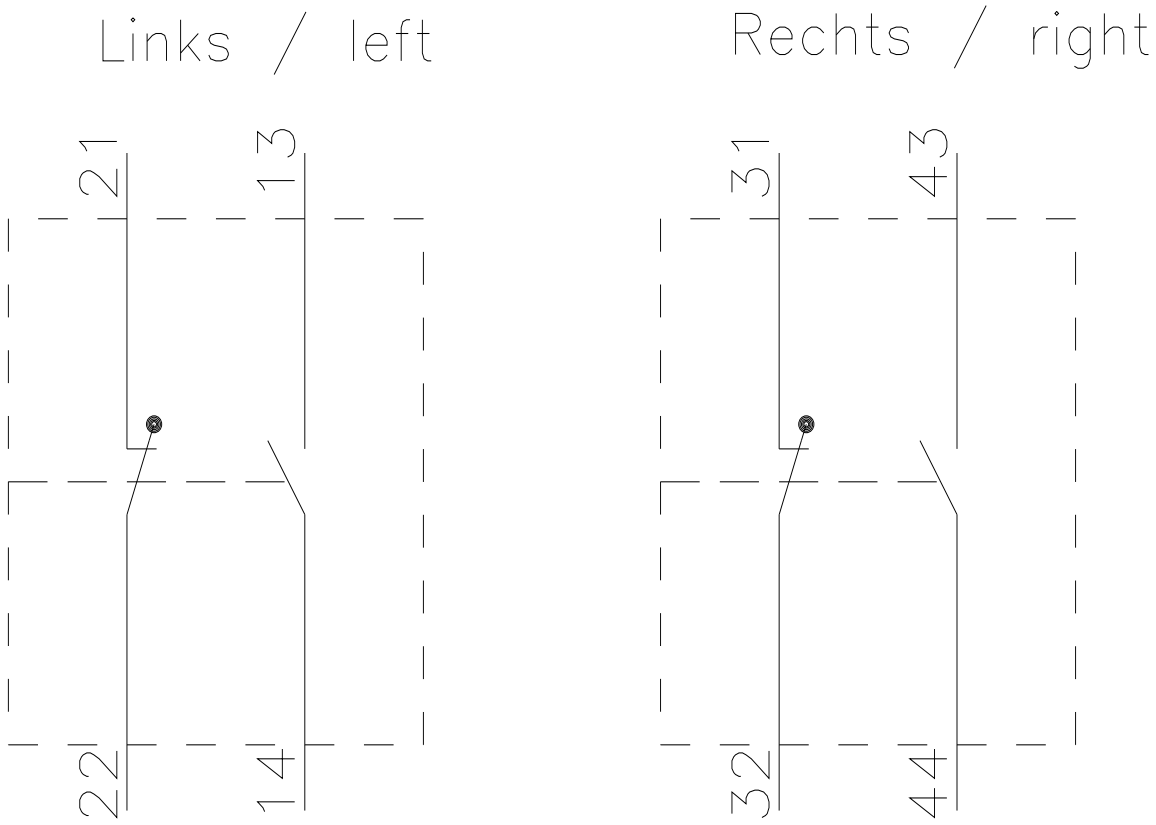
Further information

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Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
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=3RH5921-1DA11
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH5921-1DA11
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RH5921-1DA11
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH5921-1DA11&lang=en



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