



1st lateral auxiliary switch 1 NO contact 1 NC contact, screw terminal, for contactors 3RT148

General technical data	
product brand name	SIRIUS
suitability for use	for 3RT148
protection class IP on the front	IP00
ambient temperature	
• during storage	-40 ... +80 °C
• during operation	-25 ... +55 °C
mechanical service life (switching cycles) typical	1 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	250 000
insulation voltage with degree of pollution 3 at AC rated value	600 V
surge voltage resistance rated value	6 kV
Auxiliary circuit	
number of NC contacts for auxiliary contacts	
• instantaneous contact	1
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	1
• leading contact	0
operational current of auxiliary contacts at AC-12	
• at 24 V	16 A
• at 230 V	16 A
• maximum	16 A
operational current	
• of auxiliary contacts	
— at AC-15	
— at 24 V	6 A
— at 230 V	3 A
— at 400 V	1.5 A
operational current	
• of auxiliary contacts at DC-13	
— at 24 V	6 A
— at 60 V	2 A
— at 110 V	1 A
— at 220 V	0.27 A
Installation/ mounting/ dimensions	
fastening method	screw fixing
width	12.8 mm
height	72 mm

depth	65.5 mm	
Connections/ Terminals		
type of electrical connection for auxiliary and control circuit	screw-type terminals	
type of connectable conductor cross-sections		
• for auxiliary contacts		
— solid		
— finely stranded		
— with core end processing	2x (1 ... 2,5 mm²)	2x (1 ... 2,5 mm²)
• at AWG cables for auxiliary contacts	2x (16 ... 14)	
Safety related data		
product function mirror contact according to IEC 60947-4-1	Yes	
• note	with 3RT148	
product function positively driven operation according to IEC 60947-5-1	No	
Certificates/ approvals		
General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity

[Confirmation](#)



[Type Examination Certificate](#)



Test Certificates	Marine / Shipping	other	Railway
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[Special Test Certificate](#)



[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=3RH1981-1DA11>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1981-1DA11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH1981-1DA11>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1981-1DA11&lang=en

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