

Shunt release AC 20...70 V,50/60 Hz,5 SEC ED, AC 20...24 V,50/60 Hz,100% ED, 20...70 V DC, 5 SEC ED, screw connection, for circuit breakers, size S2/S3

product brand name	SIRIUS	
product category	Auxiliary release	
product designation	shunt release	
suitability for use	motor circuit breaker	
General technical data		
certificate of suitability	CE / UL / CSA	
size of the circuit-breaker	S00, S0, S2, S3	
closing power at DC minimum	13 W	
insulation voltage		
• rated value	690 V	
• with degree of pollution 3 at AC rated value	690 V	
degree of pollution	3	
protection class IP on the front according to IEC 60529	IP20	
break time maximum	20 ms	
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750	F	
reference code according to EN 61346-2	F	
Substance Prohibitance (day/month/year)	05/01/2012	
Net Weight	0.139 kg	
type of voltage of the control supply voltage	AC	
control supply voltage 1 at AC		
• at 50 Hz	20 ... 24 V	
• at 60 Hz	20 ... 24 V	
control supply voltage frequency 1	50 ... 60 Hz	
number of NC contacts for auxiliary contacts instantaneous contact	0	
number of NO contacts for auxiliary contacts		
• instantaneous contact	0	
• leading contact	0	
number of CO contacts of auxiliary contacts instantaneous contact	0	
Ambient conditions		
ambient temperature		
• during operation	-20 ... +60 °C	
• during storage	-50 ... +80 °C	
Electrical Safety		
protection class IP on the front according to IEC 60529	IP20	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front	
Short-circuit protection		
design of short-circuit protection	fuse	
Installation/ mounting/ dimensions		
fastening method	snap-on mounting	
height	90 mm	
width	19 mm	
depth	68 mm	
Connections/ Terminals		
type of electrical connection for auxiliary and control circuit	screw-type terminals	
Approvals Certificates		
Environment	General Product Approval	Test Certificates

[Environmental Con-
firmations](#)

[Confirmation](#)



[Type Test Certific-
ates/Test Report](#)

Maritime application | other



[Miscellaneous](#)

[Confirmation](#)



Further information

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=3RV5902-1DB0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV5902-1DB0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RV5902-1DB0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV5902-1DB0&lang=en

last modified:

4/3/2025