



Shunt release 20...24 V AC, 50/60 Hz, 100% ON period 20-70 V AC, 50/60 Hz, 5 s ON period 20-70 V DC, 5 s ON period with spring-type terminal for circuit breaker 3RV2

General technical data	
product brand name	SIRIUS
product designation	shunt release
size of the circuit-breaker	S00, S0, S2, S3
suitability for use	motor circuit breaker
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
design of short-circuit protection	fuse
degree of pollution	3
insulation voltage rated value	690 V
insulation voltage with degree of pollution 3 at AC rated value	690 V
ambient temperature	
• during storage	-50 ... +80 °C
• during operation	-20 ... +60 °C
reference code according to EN 61346-2	F
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	0
number of NO contacts for auxiliary contacts instantaneous contact	0
number of NO contacts for auxiliary contacts leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage frequency	
• 1	
— initial rated value	50 Hz
— final rated value	60 Hz
control supply voltage	
• 1	
— at AC	
— at 50 Hz initial rated value	20 V
— at 50 Hz final rated value	24 V
— at 60 Hz final rated value	24 V
— at 60 Hz initial rated value	20 V
Installation/ mounting/ dimensions	
fastening method	snap-on mounting

width	18.5 mm
height	90 mm
depth	68 mm
Certificates/ approvals	
certificate of suitability	CE / UL / CSA
General Product Approval	Declaration of Conformity



[Confirmation](#)



Test Certificates	Marine / Shipping
--------------------------	--------------------------

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other	Railway
--------------------------	--------------	----------------



[Confirmation](#)



[Vibration and Shock](#)

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?mfb=3RV2902-2DB0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RV2902-2DB0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2902-2DB0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RV2902-2DB0&lang=en

last modified:

12/15/2020