












Molded case circuit breaker 3RV1 for starter combination Standard switching capacity Rated current $I_n = 250$ A electronic release Short-circuit protection adjustable $1-10 \times I_n$ $I_{cu} = 120$ kA at 400 V 3-pole, Screw terminal including phase barriers

product brand name	SIRIUS
product designation	molded-case circuit breaker
design of the product	for starter combinations
product type designation	3RV1
General technical data	
product extension auxiliary switch	Yes
surge voltage resistance rated value	8 000 V
protection class IP on the front	IP20
shock resistance	12g / 11 ms
mechanical service life (operating cycles) of the main contacts typical	20 000
continuous current rated value	250 A
Substance Prohibitance (Date)	01/08/2008
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Main circuit	
number of poles for main current circuit	3
operating voltage	
• rated value	690 V
• rated value	20 ... 690 V
• at AC-3 rated value maximum	690 V
operational current at AC-3 at 400 V rated value	250 A
operating power at AC-3	
• at 400 V rated value	132 kW
operating frequency at AC-3 maximum	15 1/h
Auxiliary circuit	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
Protective and monitoring functions	
product function	
• ground fault detection	No
• phase failure detection	No
maximum short-circuit current breaking capacity (I_{cu})	
• at AC at 240 V rated value	100 kA
• at AC at 400 V rated value	120 kA

<ul style="list-style-type: none">• at AC at 500 V rated value• at AC at 690 V rated value	85 kA 70 kA				
response value current of instantaneous short-circuit trip unit	2 500 A				
Short-circuit protection					
design of the short-circuit trip	electronic				
design of the overcurrent release and short-circuit release	electronic				
Installation/ mounting/ dimensions					
mounting position	any				
fastening method	screw fixing				
height	205 mm				
width	105 mm				
depth	103.5 mm				
required spacing with side-by-side mounting <ul style="list-style-type: none">• backwards• at the side	0 mm 0 mm				
Connections/ Terminals					
product component removable terminal for auxiliary and control circuit	No				
type of electrical connection <ul style="list-style-type: none">• for main current circuit• for auxiliary and control circuit	screw-type terminals screw-type terminals				
arrangement of electrical connectors for main current circuit	front side				
Safety related data					
touch protection against electrical shock	finger-safe				
Certificates/ approvals					
General Product Approval	Declaration of Conformity	Test Certificates	Marine / Shipping		
Confirmation	   EG-Konf.	Special Test Certificate	 ABS		
Marine / Shipping		other			
	 LRS	 RINA	 DNV GL	Confirmation	Miscellaneous
other	Railway				
 VDE	Special Test Certificate				
Further information					
<p>Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business</p> <p>Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).</p> <p>Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875</p> <p>Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10</p> <p>Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV1363-7EN10</p> <p>Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1363-7EN10</p> <p>Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RV1363-7EN10</p> <p>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</p>					

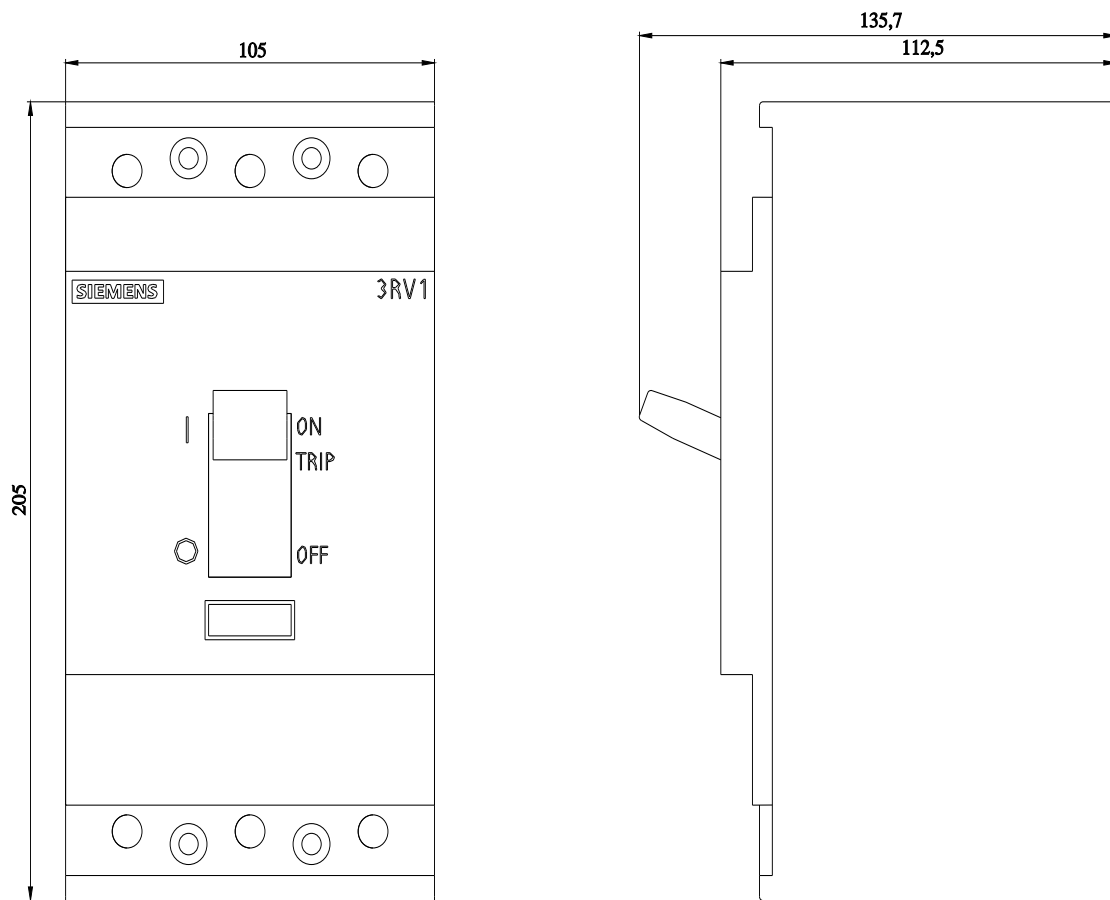
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV1363-7EN10&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current


<https://support.industry.siemens.com/cs/ww/en/ps/3RV1363-7EN10/char>

Further characteristics (e.g. electrical endurance, switching frequency)

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV1363-7EN10&objecttype=14&gridview=view1>



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