SIEMENS

Data sheet 3RV1011-0GA15



Circuit breaker size S00 for motor protection, CLASS 10 A-release 0.45...0.63 A N-release 8.2 A Screw terminal Standard switching capacity with transverse auxiliary switch 1 NO+1 NC

product brand name	SIRIUS		
product designation	Circuit breaker		
design of the product	For motor protection		
product type designation	3RV1		
General technical data	General technical data		
size of the circuit-breaker	S00		
size of contactor can be combined company-specific	S00		
product extension auxiliary switch	Yes		
power loss [W] for rated value of the current			
 at AC in hot operating state 	5.5 W		
 at AC in hot operating state per pole 	1.8 W		
insulation voltage with degree of pollution 3 at AC rated value	690 V		
surge voltage resistance rated value	6 kV		
mechanical service life (operating cycles)			
 of the main contacts typical 	100 000		
 of auxiliary contacts typical 	100 000		
electrical endurance (operating cycles) typical	100 000		
reference code according to IEC 81346-2	Q		
Substance Prohibitance (Date)	01/01/2013		
SVHC substance name	Lead - 7439-92-1		
Weight	0.246 kg		
Ambient conditions			
installation altitude at height above sea level maximum	2 000 m		
ambient temperature			
 during operation 	-20 +60 °C		
during storage	-50 +80 °C		
during transport	-50 +80 °C		
relative humidity during operation	10 95 %		
Main circuit			
number of poles for main current circuit	3		
adjustable current response value current of the current- dependent overload release	0.45 0.63 A		
type of voltage for main current circuit	AC		
operating voltage			
rated value	20 690 V		
 at AC-3 rated value maximum 	690 V		
• at AC-3e rated value maximum	690 V		
operating frequency rated value	50 60 Hz		
operational current rated value	0.63 A		
operational current			

 at AC-3 at 400 V rated value 	0.63 A
at AC-3e at 400 V rated value	0.63 A
operating power	
• at AC-3	
— at 230 V rated value	0.09 kW
— at 400 V rated value	0.18 kW
— at 500 V rated value	0.18 kW
— at 690 V rated value	0.25 kW
• at AC-3e	
— at 230 V rated value	0.09 kW
— at 400 V rated value	0.18 kW
— at 500 V rated value	0.18 kW
— at 690 V rated value	0.25 kW
operating frequency	
• at AC-3 maximum	15 1/h
• at AC-3e maximum	15 1/h
Auxiliary circuit	
design of the auxiliary switch	transverse
type of voltage for auxiliary and control circuit	AC/DC
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
number of CO contacts for auxiliary contacts	0
operational current of auxiliary contacts at AC-15	
• at 24 V	2 A
• at 110 V	2 A
• at 120 V	2 A
• at 125 V	2 A
• at 230 V	0.5 A
operational current of auxiliary contacts at DC-13	0.0 A
• at 24 V	1A
• at 60 V	0.15 A
Protective and monitoring functions	
Protective and monitoring functions product function	
Protective and monitoring functions product function • ground fault detection	No
Protective and monitoring functions product function • ground fault detection • phase failure detection	No Yes
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class	No Yes CLASS 10
Protective and monitoring functions product function ● ground fault detection ● phase failure detection trip class design of the overload release	No Yes
Protective and monitoring functions product function	No Yes CLASS 10 thermal
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value	No Yes CLASS 10 thermal
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value	No Yes CLASS 10 thermal 100 kA 100 kA
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 500 V rated value	No Yes CLASS 10 thermal 100 kA 100 kA
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value	No Yes CLASS 10 thermal 100 kA 100 kA
product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value	No Yes CLASS 10 thermal 100 kA 100 kA 100 kA
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value	No Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA
product function	No Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA
product function	No Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA
product function	No Yes CLASS 10 thermal 100 kA
product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at 500 V rated value • at 240 V rated value • at 240 V rated value • at 690 V rated value • at 690 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value	No Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA
product function	No Yes CLASS 10 thermal 100 kA
product function	No Yes CLASS 10 thermal 100 kA
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	No Yes CLASS 10 thermal 100 kA
product function	No Yes CLASS 10 thermal 100 kA
product function	No Yes CLASS 10 thermal 100 kA
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection	No Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection product function short circuit protection	No Yes CLASS 10 thermal 100 kA
product function	No Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA
Protective and monitoring functions product function • ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection product function short circuit protection	No Yes CLASS 10 thermal 100 kA C300 / R300
product function	No Yes CLASS 10 thermal 100 kA C300 / R300
product function	No Yes CLASS 10 thermal 100 kA C300 / R300 Yes magnetic
product function	No Yes CLASS 10 thermal 100 kA C300 / R300 Yes magnetic

• at 500 V 9G 6 A * at 500 V 9G 6 A * at 500 V 9G 6 A * statisticitor incoming dimensions ***mounting position any fastering method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 90 mm vidth 45 mm depth 75 mm **required spacing 90 mm **reguired spacing 90 mm **reguired sparts at 600 V 90 mm **reguired sparts at	a at 400 V	None required
### ### ### ### ### ### ### ### ### ##	• at 400 V	None required
Internation mounting position mounting position any fratering method servew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 90 mm with 45 mm 45 mm required spacing required spacing -		
		9G 6 A
series and anap-on mounting onto \$5 mm DIN rial according to DIN EN 80715 World		
Megint 90 mm 90		·
Methodoph		
Image: Command		
required spacing		
	·	75 mm
downwards		
upwards		
alt he side • for live parts at 400 V downwards upwards • for grounded parts at 500 V downwards upwards downwards downwards downwards upwards downwards upwards downwards upwards onm forwards onm forwards onm forwards onm forwards upwards upwards upwards upwards upwards upwards onm forwards onm forwards upwards upwar		
• for live parts at 400 V downwards upwards at the side or grounded parts at 500 V downwards upwards at the side or five parts at 500 V downwards or five parts at 500 V downwards upwards or five parts at 500 V downwards upwards upwards upwards at the side or grounded parts at 600 V downwards upwards or grounded parts at 600 V downwards upwards	•	
- downwards - upwards - at the side • for grounded parts at 500 V - downwards - upwards - at the side - of live parts at 500 V - downwards - upwards - at the side - of live parts at 690 V - downwards - upwards - downwards - upwards - of live parts at 690 V - downwards - upwards - upwards - upwards - upwards - upwards - of live parts at 690 V - downwards - at the side - of man contacts - of main current circuit - for wards - of main current circuit - of main current circuit - for main current circuit - for auxiliary and confrol circus solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - for main contacts - solid or stranded - finely stranded with screw-type terminals - for auxiliary condacts with screw-type terminals - for auxiliary condacts with screw-type terminals - for main contacts - solid or stranded - finely stranded with core end processing - for main contacts - solid or stranded - finely stranded with screw-type terminals - for auxiliary condacts with screw-type terminals - for auxiliary condacts with screw-type terminals - for main contacts - solid or stranded - for main contacts - solid or stranded - finely stranded with screw-type terminals - for auxiliary condacts with screw-type terminals - for auxiliary condacts with screw-type terminals - for auxiliary condacts with screw-type terminals - for main contacts - for auxiliary condacts with screw-type terminals - for main contacts - for main contacts - for main contacts - for main contacts - for main contac		9 mm
upwards	·	
• for grounded parts at 500 V - downwards - upwards - of live parts at 500 V - downwards - of with parts at 500 V - downwards - upwards - upwards - upwards - of rive parts at 500 V - downwards - of rive parts at 600 V - downwards - of grounded parts at 600 V - downwards - upwards - of min carent circuit • for levit parts at 600 V - downwards - upwards - of nive parts at 600 V - downwards - of min carent circuit • for auxiliary and control circuit - of or auxiliary and control creations • for main cartest - solid or stranded - finely stranded - solid or stranded - solid		
• for grounded parts at 500 V	•	
downwards		9 mm
upwards		
• for live parts at 500 V - downwards - upwards - at the side • for grounded parts at 690 V - downwards - upwards - upwards - of orgrounded parts at 690 V - downwards - upwards - beckwards - at the side - beckwards - at the side - beckwards - at the side - for nowards - of main current circuit - beckwards - at the side - of main current circuit - corrected connectors for main current - for main current circuit - sorew-type terminals - sorew-type terminals - solid or stranded - finely stranded with core end processing - solid or stranded - for auxiliary contacts with screw-type terminals - for for main contacts with screw-type terminals - for auxiliary contacts with screw-type terminals - for for main contacts with screw-type terminals - for for main contacts - for fine auxiliary and control contacts - fo		
• for live parts at 500 V - downwards - upwards - at the side 9 mm • for grounded parts at 690 V - downwards - upwards - upwards 20 mm - backwards 0 mm - backwards 0 mm - backwards 0 mm - for live parts at 690 V - downwards 20 mm - backwards 0 mm - backwards 0 mm - for live parts at 690 V - downwards 20 mm - backwards 0 mm - for live parts at 690 V - downwards 20 mm - backwards 0 mm - backwards - for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit - soriew-type terminals • for main contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - fine auxiliary contacts - solid or stranded - for main contacts with screw-type terminals - for auxiliary contacts with screw-type terminals - for main contacts - solid or stranded - for main contacts wit	•	
- downwards - upwards - of the side 9 mm • for grounded parts at 690 V - downwards - upwards 20 mm - upwards 20 mm - upwards 20 mm - backwards 0 mm - backwards 0 mm - at the side 9 mm - for live parts at 690 V - downwards 20 mm - backwards 0 mm - for main contacts 1		9 mm
- upwards - at the side		
• for grounded parts at 690 V - downwards - upwards - backwards - at the side - forwards • for live parts at 690 V - downwards • for live parts at 690 V - downwards - backwards - upwards • for live parts at 690 V - downwards - backwards - upwards - backwards - man the side - forwards - backwards - onm - at the side - forwards - onm - of remain current circuit • for rain current circuit • for auxiliary and control circuit - solid or stranded - finely stranded with core end processing • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for main contacts • for main contacts • for main contacts • for for auxiliary contacts • for for auxiliary contacts • for main contacts • for main contacts • for for auxiliary contacts • for for incontacts • for for incontacts with screw-type terminals • for or auxiliary contacts with screw-type terminals • for main contacts with screw-type terminals • for for auxiliary and control contacts • for main contacts		
of tor grounded parts at 690 V odwwards upwards on m backwards on m on m on m on m on the side on m on m	•	
- downwards		9 mm
- upwards - backwards - at the side - forwards 0 mm • for live parts at 690 V - downwards 20 mm - backwards 0 mm • for live parts at 690 V - downwards 20 mm - backwards 0 mm - backwards 0 mm - backwards 0 mm - at the side 9 mm - forwards 0 mm - at the side 9 mm - forwards 0 mm Connections/Terminals Connections/Terminals For main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • for main contacts - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid or stranded - solid or stranded - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid or stranded - for or auxiliary contacts - solid or stranded - for or auxiliary contacts - solid or stranded - for main contacts with screw-type terminals - for or auxiliary contacts with screw-type terminals - for for main contacts with screw-type terminals - for the screwdriver shaft - Diameter 5 to 6 mm - Size of the screwdriver tip - Pozidriv size 2 - design of the thread of the connection screw - for main contacts - of the auxiliary and control contacts - M3 - of the auxiliary and control contacts - M3 - of the auxiliary and control contacts - M3 - of the auxiliary and control contacts - M3 - of the auxiliary and control contacts - M3 - of the auxiliary and control contacts - M3 - of the auxiliary contacts - Conmectable conductor contacts - Conmectable conductor contacts - Conmectable conductor contacts - Conmectable conductor contacts - Conmectabl		
- backwards	— downwards	
- at the side	— upwards	20 mm
for live parts at 590 V — downwards	— backwards	
for live parts at 690 V — downwards — upwards — backwards — at the side — forwards — forwards — on mm — at the side — forwards — on mm — forwards — on mm	— at the side	9 mm
- downwards - upwards - upwards - backwards - at the side - forwards - omm - for electrical connection • for awailiary and control circuit - for auxiliary and control circuit - for auxiliary and control circuit - for main current circuit - for auxiliary and control circuit - for auxiliary and control circuit - for auxiliary contacts - solid or stranded - finely stranded with core end processing - for auxiliary contacts - solid or stranded - for auxiliary contacts - solid or stranded - for auxiliary contacts - solid or stranded - for auxiliary contacts - for auxiliary contacts - for auxiliary contacts - for auxiliary contacts with screw-type terminals - for auxi		0 mm
- upwards	·	
- backwards	— downwards	
- at the side	— upwards	20 mm
Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • for main contacts - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid or stranded • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts with screw-type terminals • for main contacts • for main c	— backwards	
type of electrical connection		9 mm
type of electrical connection		0 mm
• for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts • for		
for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections	type of electrical connection	
arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections	for main current circuit	screw-type terminals
type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts — solid or stranded 2x (0.5 1,5 mm²), 2x (0.75 2,5 mm²), 2x (1 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 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) tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals 0.8 1.2 N·m design of screwdriver shaft plameter 5 to 6 mm size of the screwdriver tip design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M3 Safety related data	for auxiliary and control circuit	screw-type terminals
type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts — solid or stranded 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x (1 4 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) tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals 0.8 1.2 N·m design of screwdriver shaft Diameter 5 to 6 mm size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw • for main contacts • for main contacts • of the auxiliary and control contacts M3 Safety related data		Top and bottom
• for main contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded • for auxiliary contacts with screw-type terminals • for main contacts • for main contacts • of the auxiliary and control contacts • M3 • of the auxiliary and control contacts M3 Safety related data		
- solid or stranded - finely stranded with core end processing 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x (1 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 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) tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals 0.8 1.2 N·m design of screwdriver shaft Diameter 5 to 6 mm size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw • for main contacts • for main contacts M3 Safety related data		
type of connectable conductor cross-sections		2v (0.5
type of connectable conductor cross-sections • for auxiliary contacts — solid or stranded 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals 0.8 1.2 N·m • for auxiliary contacts with screw-type terminals design of screwdriver shaft Diameter 5 to 6 mm size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M3 Safety related data		
for auxiliary contacts — solid or stranded 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) tightening torque for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals for auxiliary contacts with screw-type terminals design of screwdriver shaft Diameter 5 to 6 mm size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw for main contacts of the auxiliary and control contacts M3 safety related data	· · · · · · ·	ZX (U.O 1.O IIIIII'), ZX (U.1'O Z.O MM*)
- solid or stranded 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals 0.8 1.2 N·m design of screwdriver shaft Diameter 5 to 6 mm size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M3 Safety related data	• •	
tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals 0.8 1.2 N·m design of screwdriver shaft Diameter 5 to 6 mm size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M3 Safety related data		2v (0.5
• for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts • of the auxiliary and control contacts Safety related data • for main contacts with screw-type terminals • 0.8 1.2 N·m Diameter 5 to 6 mm Pozidriv size 2 M3 M3 Safety related data		ZX (0.3 1.3 IIIIII'), ZX (0.73 Z.3 IIIIII')
for auxiliary contacts with screw-type terminals design of screwdriver shaft Diameter 5 to 6 mm size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw for main contacts of the auxiliary and control contacts M3 Safety related data		0.9 1.2 N.m
design of screwdriver shaft size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw of or main contacts of the auxiliary and control contacts M3 Safety related data		
size of the screwdriver tip design of the thread of the connection screw of or main contacts of the auxiliary and control contacts M3 Safety related data		
design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M3 Safety related data		
for main contacts of the auxiliary and control contacts M3 M3 Safety related data	·	POZIUTIV SIZE Z
of the auxiliary and control contacts M3 Safety related data	_	MO
Safety related data		
	•	IVIO
product function suitable for safety function Yes		V
	product function suitable for safety function	Yes

suitability for use	
 safety-related switching on 	No
safety-related switching OFF	Yes
service life maximum	10 a
test wear-related service life necessary	Yes
proportion of dangerous failures	
 with low demand rate according to SN 31920 	40 %
 with high demand rate according to SN 31920 	50 %
B10 value with high demand rate according to SN 31920	5 000
failure rate [FIT] with low demand rate according to SN 31920	50 FIT
ISO 13849	
device type according to ISO 13849-1	3
overdimensioning according to ISO 13849-2 necessary	Yes
IEC 61508	
safety device type according to IEC 61508-2	Type A
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
Display	
display version for switching status	Rocker switch
Approvals Certificates	

General Product Approval









<u>KC</u>



General Product Approval

For use in hazardous locations

Test Certificates

Marine / Shipping

BIS CRS





Special Test Certific-<u>ate</u>

Type Test Certificates/Test Report



Marine / Shipping













other

Railway **Environment**

Miscellaneous

Confirmation



Special Test Certific-<u>ate</u>

Environmental Con-<u>firmations</u>

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RV1011-0GA15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1011-0GA15

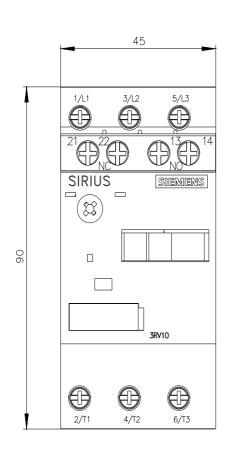
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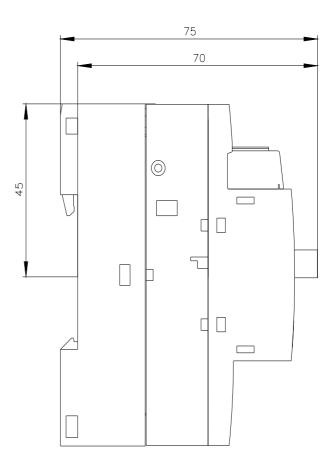
https://support.industry.siemens.com/cs/ww/en/ps/3RV1011-0GA15

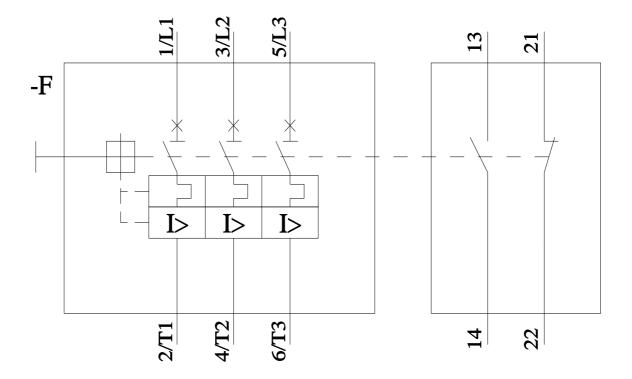
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RV1011-0GA15/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV1011-0GA15&objecttype=14&gridview=view1







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