3RA2110-0DA15-1AP0

Data sheet



Load feeder fuseless, Direct-on-line starting 400 V AC, Size S00 0.22...0.32 A 230 V AC screw terminal for installation on standard mounting rail (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NO (contactor)

product brand name	SIRIUS
product designation	Direct (on-line) starter
design of the product	for standard rail or screw mounting
product type designation	3RA21
manufacturer's article number	
of the supplied contactor	3RT2015-1AP01
of the supplied circuit-breakers	3RV2011-0DA10
of the supplied link module	3RA1921-1DA00
General technical data	
size of the circuit-breaker	S00
size of load feeder	S00
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
degree of protection NEMA rating	other
shock resistance according to IEC 60068-2-27	6g / 11 ms
mechanical service life (switching cycles) of contactor typical	30 000 000
type of assignment	2
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
ambient temperature	
 during operation 	-20 +60 °C
 during storage 	-50 +80 °C
during transport	-50 +80 °C
temperature compensation	-20 +60 °C
relative humidity during operation	10 95 %
Main circuit	
number of poles for main current circuit	3
design of the switching contact	electromechanical
adjustable current response value current of the current-dependent overload release	0.22 0.32 A
operating voltage	
• rated value	690 V
at AC-3 rated value maximum	690 V
operating frequency rated value	50 60 Hz

operational current at AC-3 at 400 V rated value 90 W at 400 V rated value 90 W control circuit Centrol Sype of voltage of the control supply voltage control supply voltage at AC at 80 V rated value 230 V at 80 Hz rated value 230 230 V at 80 Hz rated value 230 230 V at 60 Hz rated value 230 230 V at 60 Hz rated value 230 230 V apparent holding power of magnet coil at AC 42 VA Auxiliary circuit product extension auxiliary switch Yes Protective and monitoring functions trip class CLASS 10 design of the overload release themselves (binesialic) ULCSA ratings Fill-load current (FLA) for 3-phase AC motor at 480 V rated value 9.32 A Short-circuit protection product function short circuit trip conditional short-circuit current (Iq) at 460 V secording to IEC 60847-4-1 rated value firstening method 167 mm mounting position yestication vertical from the street and snap-on mounting onto 35 mm standard mounting rail street and snap-on mounting onto 35 mm standard mounting rail depth 97 mm required spacing for grounded parts - lorwards 0 nm - lorwards 0 nm - downwards 10 nm - for wall and an order of circuit some of the side of the		
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	Communication/ Protocol protocol is supported	No
Certificates/ approvals	Communication/ Protocol protocol is supported • PROFINET IO protocol	
	Communication/ Protocol protocol is supported • PROFINET IO protocol • PROFIsafe protocol	No

For use in hazardous locations Declaration of Conformity



Confirmation









Declaration of Conformity

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?mlfb=3RA2110-0DA15-1AP0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-0DA15-1AP0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0DA15-1AP0

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

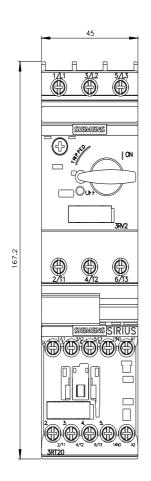
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-0DA15-1AP0&lang=en

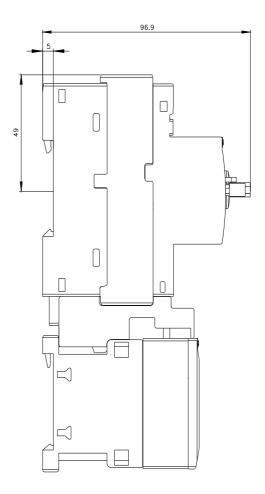
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0DA15-1AP0/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-0DA15-1AP0&objecttype=14&gridview=view1





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