SIEMENS

Data sheet

3RA2125-1AD23-0AP6

INO-TINE (contractor) INO-TINE (contractor) product brand name SiRUIS product designation non-fused motor statter 3RA2 design of the product direct statter ansuffactures article number SIRI2032-LABE0 a (the supplied contractorsex statter 3RA2 SIRI2032-LABE0 a (the supplied contractorsex statter 3RA2 SIRI2032-LABE0 a (the supplied busbar adapter SIRI2022-LABE0 size of the circuit-breaker SO size of the discuit-breaker SO size of the discuit-breaker <td< th=""><th></th><th>Fuseless motor starter Direct start 600VAC Size S0 1.1-1.6A 220/240VAC 50/60HZ screw connection For snapping onto 60 mm busbar systems Type of</th></td<>		Fuseless motor starter Direct start 600VAC Size S0 1.1-1.6A 220/240VAC 50/60HZ screw connection For snapping onto 60 mm busbar systems Type of
product brand name SIRUS product designation non-fused motor state: 3R4/2 design of the product direct state: manufacturors article number 3R120231A690 • of the suppled contactor 3R120231A690 • of the suppled the brackers 3R120231A690 • of the suppled the holde 3R820211A000 Central tachined 3882021.1A000 Central tachined data 580 size of the circult-breaker 590 product extension auxiling switch Yes insulation voltage with degree of pollution 3 at AC rated value 680 V degree of pollution 3 surge voltage resistance rated value 680 V degree of pollution 3 surge voltage resistance rated value 680 V shock resistance according to IEC 6008-227 6g /11 ms mechanical service life (operating cycles) of contactor typical 10 000 000. type of assignment 2 anbient conditions -40 or C anbient conditions -60 or C eutring storage -60 or C eutring oportal or creat		coordination 2 IQ = 150 KA Also full fills type Of coordination 1 1NO+1NC (MSP) 1NO+1NC (contactor)
product designation non-fused motor stater 3RA2 design of the product direct stater manufactures ancie number st12023-1AR80 • of the supplied circuit-breakers st12023-1AR80 • of the supplied bubbar adapter st12231-St110 • of the supplied bubbar adapter st12231-St110 • of the supplied bubbar adapter st12231-St110 • of the supplied bubbar adapter st2231-St110 • general tachinking auxiliary switch Yes insultation voltage with degree of pollution 3 at AC rated value 680 V degree of pollution 3 a surge voltage resistance according to IEC 60088-277 69 (11 ms mechanical service life (operating cycles) of contactor typical 100 000 000 typo of assignment 20 #Amblent temperature -60 °C • during storage -50 +80 °C • during tranport 3	product brand name	
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manufacturer's article number 3RT2023-1AP60 • of the supplied contactor 3RT2023-1AP60 • of the supplied link module 3R22011-1AA15 • of the supplied link module 3R22011-1AA00 Ceneral technical data 300 size of od feeder 500 product extension auxiliary switch Yes Insulation voltage with degree of pollution 3 surge voltage resistance rated value 600 V degree of pollution 3 surge voltage resistance rated value 64 / V shock resistance according to IEC 6006-2:27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000 type of assignment 2 Antibent conditions 3 ambient conditions -20 +60 °C • during transport -25 +80 °C • during transport -25 +80 °C • during transport -25 +80 °C Main circuit 3 design of the switching contact electromechanical adjustable current circuit 3 design of the switching contact electromechanical adjustable current at AC-3 at 400 V rated value 600 V • atta OV rated value 500 W • atta OV rated value 500 W <td></td> <td></td>		
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Auxiliary circuit number of NC contacts for auxiliary contacts 2		7.2 VA
number of NC contacts for auxiliary contacts 2		0.28
	Auxiliary circuit	
number of NO contracts for auxiliary contracts	number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts 2	number of NO contacts for auxiliary contacts	2
Protective and monitoring functions	Protective and monitoring functions	
trip class CLASS 10	trip class	CLASS 10

design of the eventeed release		the entropy of	(himetallia)		
design of the overload release	airauit tria unit	-	I (bimetallic)		
response value current of instantaneous short- UL/CSA ratings		20.8 A		_	
full-load current (FLA) for 3-phase AC motor		-			
at 480 V rated value	I	1.6 A			
• at 600 V rated value		1.3 A			
yielded mechanical performance [hp]					
 for single-phase AC motor 					
— at 230 V rated value		0.1 hp			
 for 3-phase AC motor 					
— at 460/480 V rated value		0.75 hj	0		
— at 575/600 V rated value		0.75 hj)		
Short-circuit protection		_			
product function short circuit protection		Yes			
design of the short-circuit trip		magne	tic		
conditional short-circuit current (lq)					
• at 400 V according to IEC 60947-4-1 rate	ed value	153 00	0 A		
Installation/ mounting/ dimensions					
mounting position		vertica			
fastening method		for sna	pping onto 60 mm busbar syste	ms	
height		260 mi	n		
width		45 mm			
depth		155 mi	n		
required spacing					
 for grounded parts 					
— forwards		10 mm			
— backwards		0 mm			
— upwards		30 mm			
— at the side		9 mm			
— downwards		10 mm			
for live parts		10 1111			
— forwards		10 mm			
— backwards		0 mm			
		30 mm			
— upwards					
— downwards			10 mm 9 mm		
— at the side		9 mm			
Connections/ Terminals				_	
type of electrical connection for main current cir			type terminals		
type of connectable conductor cross-sections for main contacts stranded		1 10 mm², 2x (2.5 6 mm²)			
connectable conductor cross-section for main c stranded with core end processing	contacts finely	1 6 ı	nm²		
Safety related data					
B10 value with high demand rate according to SN 31920		1 000 (000		
proportion of dangerous failures with high demand rate according to SN 31920					
protection class IP on the front according to IEC 60529		IP20			
touch protection on the front according to II	EC 60529	finger-	safe, for vertical contact from the	e front	
Certificates/ approvals					
General Product Approval	For use in haz ous locations	ard-	Declaration of Conformity		other
<u>Confirmation</u>	(Ex)		UK CA	CE EG-Konf.	<u>Confirmation</u>

Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

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). 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=3RA2125-1AD23-0AP6 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2125-1AD23-0AP6 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RA2125-1AD23-0AP6 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2125-1AD23-0AP6&lang=en Characteristic: Tripping characteristics, I2t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RA2125-1AD23-0AP6/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2125-1AD23-0AP6&objecttype=14&gridview=view1

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12/15/2020 🖸