SIEMENS

Data sheet

3RA2115-4AA18-1AK6



Fuseless motor starter Direct start 600VAC Size S00 11-16Amp 110/120VAC 50/60HZ screw connection For screw mounting Or 35 mm rail-mounting Type of coordination 1 1NO+1NC (MSP) 1NO (contactor)

product brand name	SIRIUS
product designation	non-fused motor starter 3RA2
design of the product	direct starter
manufacturer's article number	
 of the supplied contactor 	<u>3RT2018-1AK61</u>
 of the supplied circuit-breakers 	3RV2011-4AA15
 of the supplied link module 	<u>3RA1921-1DA00</u>
General technical data	
size of the circuit-breaker	S00
size of load feeder	S00
product extension auxiliary switch	Yes
insulation voltage with degree of pollution 3 at AC rated value	690 V
degree of pollution	3
surge voltage resistance rated value	6 kV
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	1
Ambient conditions	
ambient temperature	
 during operation 	-20 +60 °C
 during storage 	-50 +80 °C
 during transport 	-55 +80 °C
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	11 16 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	15.5 A
operating power at AC-3	
 at 400 V rated value 	7 500 W
● at 500 V rated value	7 500 W
Control circuit/ Control	
control supply voltage at AC	

at d0 hz rated value at d0 hz at d0 hz rated value at d0 hz at d0 hz	a at 50 Lie rated walks	025 404 1/
• if 0 hz: rated value 96122 V apparent holding power of the holding power of the out 0.55 Auxiliary circuit 0.25 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 2 Protective and monitoring functions 1 trip class CLASS 10 design of the overload release Usernal (kimedalle) response value curred of indeardaneous short-curruit tip 14.4 - at 400 V rated value 14.4 - at 4101/20 V rated value 1 hp - at 400 V rated value 10 hp - at 400 V rated value 10 hp - at 400 V according to ICS 0047.4-1 rated value 10 hp - at 400 V according to ICS 0047.4-1 rated value 10 hp - forwards 0 mm 0 mm	• at 50 Hz rated value	93.5 121 V
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		0.5 2.5 mm ⁻
B10 value with high demand rate according to SN 31920 1 000 000		
	B10 value with high demand rate according to SN 31920	1 000 000

proportion of dangero according to SN 3192	ous failures with high der	nand rate 73	3 %				
protection class IP on the front according to IEC 60529		to IEC IP	IP20				
touch protection on the front according to IEC 60529		IEC 60529 fir	ger-safe, for vertical cont	act from the front			
Certificates/ approva							
General Product Approval				For use in hazard- ous locations	Declaration of Conformity		
	<u>Confirmation</u>		EHC	KEx ATEX	UK CA		
Declaration of Conformity	Test Certificates		Marine / Shipping				
CE EG-Konf.	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certifi</u> <u>ate</u>	C- ABS	B U R E A U VERITAS	Lloyd's Register uis		
Marine / Shipping				other	Railway		
PRS	RINA	RMRS	DNV-GL EMISLECTION	<u>Confirmation</u>	Vibration and Shock		
Further information Information- and Downloadcenter (Catalogs, Brochures,)							
Cax online generate	e ordering system) iemens.com/mall/en/en/ or		fb=3RA2115-4AA18-1AK	_			
Service&Support (N	lanuals, Certificates, C	haracteristics, FA		<u>115-4AA18-1AK6</u>			
Image database (pr		nsion drawings, 3I	<u>18-1AK6</u> D models, device circuit RA2115-4AA18-1AK6&la		cros,)		
Characteristic: Trip https://support.indust	ping characteristics, I ² t ry.siemens.com/cs/ww/e tics (e.g. electrical endu	, Let-through curronn/ps/3RA2115-4AA	ent 18-1AK6/char				

last modified:

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