SIEMENS

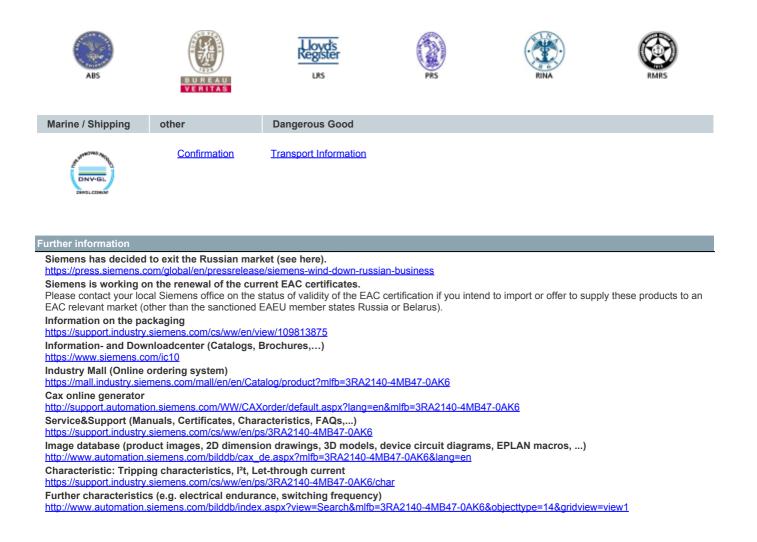
Data sheet

3RA2140-4MB47-0AK6

product brand name SIRUS product designation non-fused motor starter SRA2 design of the product direk starter manufacturer's article number start2047-14660 - of the supplied circuit-breakers 28X2031-146410 - of the supplied circuit-breakers 28X2031-146410 - of the supplied intradictor Start2047-14660 Start of the circuit-breaker S3 product extension aurilary switch Yes insudition voltage with degree of pollution 3 aurige voltage resistance rated value 600 V degrees of pollution 3 start of the site of load (censating cycles) of contactor typical 10 000 000 type of assignment -20 400 °C - during spreature -20400 °C - during spreature -20400 °C - during spreature -20		COMBO NONRV STR PNL MTD S3 80-1 COMBO NONRV STR PNL MTD S3 80-
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• at 60 Hz rated value 96 132 V apparent holding power of magnet coil at AC 22 VA inductive power factor with the holding power of the coil 0.4 Auxiliary circuit 0.4 number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 Protective and monitoring functions 1 trip class CLASS 10 design of the overload release thermal (bimetallic) response value current of instantaneous short-circuit trip unit 1 300 A	• at 50 Hz rated value	88 121 V
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number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 Protective and monitoring functions 1 trip class CLASS 10 design of the overload release thermal (bimetallic) response value current of instantaneous short-circuit trip unit 1 300 A	inductive power factor with the holding power of the coil	0.4
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Protective and monitoring functions trip class CLASS 10 design of the overload release thermal (bimetallic) response value current of instantaneous short-circuit trip unit 1 300 A	number of NC contacts for auxiliary contacts	1
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response value current of instantaneous short-circuit trip unit 1 300 A	trip class	CLASS 10
	design of the overload release	thermal (bimetallic)
	response value current of instantaneous short-circuit trip unit	1 300 A
UL/CSA ratings	UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	full-load current (FLA) for 3-phase AC motor	

• at 480 V rated value	96 A
• at 600 V rated value	99 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	10 hp
— at 230 V rated value	20 hp
• for 3-phase AC motor	
— at 200/208 V rated value	30 hp
— at 220/230 V rated value	40 hp
— at 460/480 V rated value	75 hp
— at 575/600 V rated value	100 hp
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (Iq)	
• at 400 V according to IEC 60947-4-1 rated value	65 000 A
Installation/ mounting/ dimensions	
mounting position	vertical
fastening method	Snap-mounted to DIN rail or screw-mounted with additional push-in lug
height	332 mm
width	70 mm
depth	200 mm
required spacing	
 for grounded parts 	
— forwards	32 mm
— backwards	0 mm
— upwards	50 mm
— at the side	10 mm
— downwards	10 mm
 for live parts 	
— forwards	32 mm
— backwards	0 mm
— upwards	50 mm
— downwards	10 mm
— at the side	10 mm
Connections/ Terminals	
type of electrical connection for main current circuit	screw-type terminals
type of connectable conductor cross-sections for main contacts stranded	10 70 mm², 2x (2.5 50 mm²)
connectable conductor cross-section for main contacts finely stranded with core end processing	1 35 mm²
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	73 %
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
Certificates/ approvals	
General Product Approval	For use in hazard- ous locations Declaration of Conformity

Marine / Shipping



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