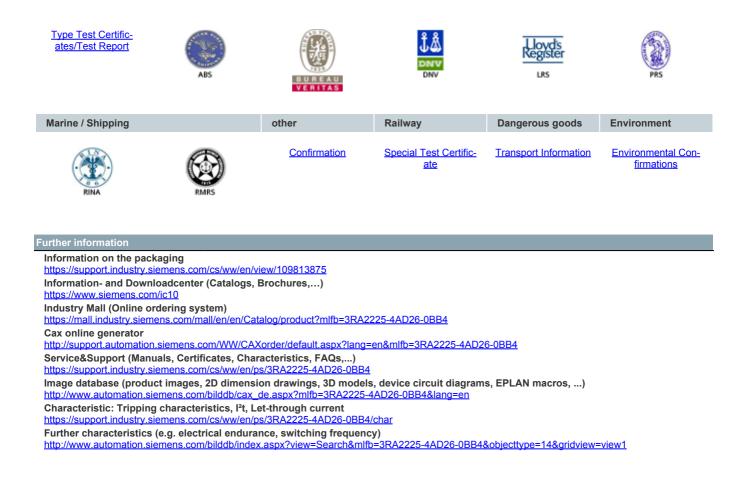
SIEMENS

Data sheet

3RA2225-4AD26-0BB4

	FUSELESS MOTOR STARTER REVERSING OPERATION 600V AC SZ S0 11- 16A 24V DC SCREW CONNECTION FOR SNAPPING ONTO 60 MM BUSBAR SYSTEMS TYPE OF COORDINATION 2 IQ = 150 KA ALSO FULFILLS TYPE OF COORDINATION 1 1NO+1NC (MSP) 1NO+1NC (PER CONTACTOR)
product brand name	SIRIUS
product designation	non-fused motor starter 3RA2
design of the product	reversing starter
manufacturer's article number	
 of the supplied contactor 	<u>3RT2026-1BB40</u>
 of the supplied circuit-breakers 	<u>3RV2021-4AA15</u>
 of the supplied RS assembly kit 	<u>3RA2923-1DB1</u>
 of the supplied busbar adapter 	<u>8US1251-5NT10</u>
of the supplied link module	
General technical data	
size of the circuit-breaker	SO
size of load feeder	SO
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 (operating cycles) of contactor typical	10 000 000
type of assignment	2
Substance Prohibitance (Date)	03/01/2017
Weight	2.14 kg
Ambient conditions	2. 14 NY
ambient temperature	-20 +60 °C
during operation	
during storage	-50 +80 °C
during transport	-55 +80 °C
Main circuit	<u>^</u>
number of poles for main current circuit	3
design of the switching contact adjustable current response value current of the current- dependent overload release	electromechanical 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 DC rated value	24 V
holding power of magnet coil at DC	5.9 W
Auxiliary circuit	
number of NC contacts for auxiliary contacts	3
number of NO contacts for auxiliary contacts	3
Protective and monitoring functions	
	CLASS 10
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
response value current of instantaneous short-circuit trip unit	208 A

UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	15.2 A
at 600 V rated value	12.2 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
- at 110/120 V rated value	1 hp
— at 230 V rated value	
	2 hp
 for 3-phase AC motor — at 200/208 V rated value 	
	3 hp
- at 220/230 V rated value	5 hp
- at 460/480 V rated value	10 hp
- at 575/600 V rated value	10 hp
Short-circuit protection	N
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	153 000 A
• at 500 V according to IEC 60947-4-1 rated value	100 000 A
Installation/ mounting/ dimensions	
mounting position	vertical
fastening method	for snapping onto 60 mm busbar systems
height	260 mm
width	90 mm
depth	165 mm
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 	
— forwards	10 mm
— backwards	0 mm
— upwards	30 mm
— downwards	10 mm
— at the side	9 mm
Connections/ Terminals	
type of electrical connection for main current circuit	screw-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 contacts finely stranded with core end processing	1 6 mm²
Safety related data	
proportion of dangerous failures with high demand rate according to SN 31920	73 %
B10 value with high demand rate according to SN 31920	1 000 000
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
Approvals Certificates	
General Product Approval	For use in hazard- ous locations Test Certificates
	ERIC Ex ATEX Special Test Certific- ate
Test Certificates Marine / Shipping	



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