SIEMENS

Data sheet

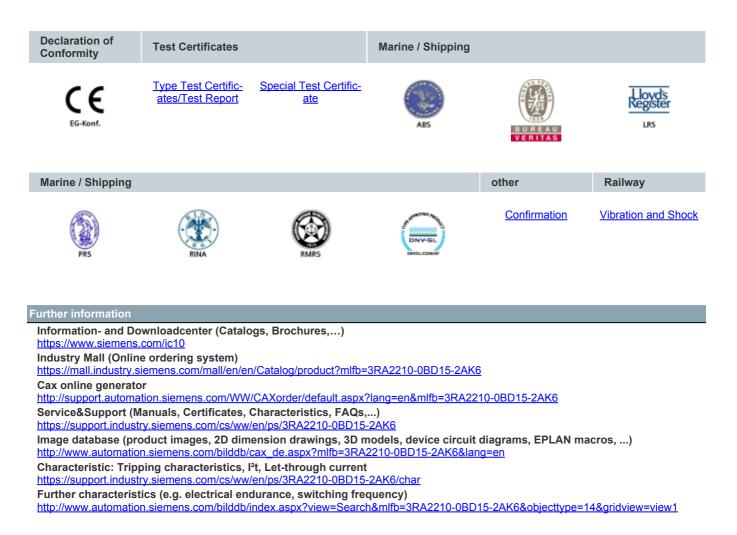
3RA2210-0BD15-2AK6



FUSELESS LOAD FEEDER REVERSING OPERATION, 400 V AC, S00 0.14 TO 0.20A,110/120 V AC 50/60HZ SCREW TERMINAL FOR 60 MM BUSBAR SYSTEMS TYPE OF COORDINATION 2, IQ = 150 KA (ALSO FULFILLS TYPE OF COORDINATION 1)1NC (CONTACTOR)

product brand name	SIRIUS
product designation	non-fused load feeders 3RA2
design of the product	reversing starter
manufacturer's article number	
 of the supplied contactor 	<u>3RT2015-1AK62</u>
 of the supplied circuit-breakers 	<u>3RV2011-0BA10</u>
 of the supplied RS assembly kit 	<u>8US1250-5AS10</u>
 of the supplied busbar adapter 	<u>8US1251-5DS10</u>
 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	2
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
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	0.14 0.2 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	0.2 A
operating power at AC-3	
•	60 W

• at 690 V rated value	90 W
Control circuit/ Control	
control supply voltage at AC	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	120 V
apparent holding power of magnet coil at AC	4.2 VA
Protective and monitoring functions	
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
response value current of instantaneous short-circuit trip	2.6 A
unit	
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (Iq)	
 at 690 V according to IEC 60947-4-1 rated value 	100 000 A
 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	200 mm
width	90 mm
depth	155.1 mm
required spacing	
 for grounded parts 	
— forwards	0 mm
— backwards	0 mm
— upwards	20 mm
— at the side	9 mm
— downwards	10 mm
 for live parts 	
— forwards	0 mm
— backwards	0 mm
— upwards	20 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 	0.5 4 mm², 2x (0.75 2.5 mm²)
 at AWG cables for main contacts 	2x (20 16), only for contactor 2x (18 14), 2x 12
connectable conductor cross-section for main contacts finely stranded with core end processing	0.5 2.5 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 Conformity
Confirmation UL	



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