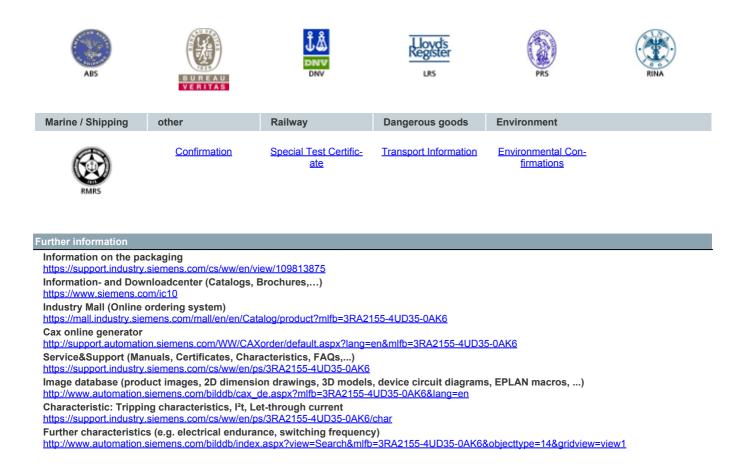
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Data sheet

3RA2155-4UD35-0AK6

	Combination Starter Non Reversing Fast Bus FLA Range 32-40A 3 Pole 120VAC		
product brand name	Coil S2 Open Type 1NO <(>&<)> 1NC Aux		
product brand name	SIRIUS		
product designation	non-fused motor starter 3RA2		
design of the product	direct starter		
manufacturer's article number	2072025 14/60		
of the supplied contactor	<u>3RT2035-1AK60</u>		
of the supplied circuit-breakers	<u>3RV2032-4UA15</u>		
of the supplied busbar adapter	8US1261-6MT10		
of the supplied link module	<u>3RA2931-1AA00</u>		
General technical data			
size of the circuit-breaker	S2		
size of load feeder	S2		
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		
Weight	2.84 kg		
Ambient conditions			
ambient temperature	aa aa aa		
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	32 40 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	35 A		
operating power at AC-3			
at 400 V rated value	18 500 W		
Control circuit/ Control			
control supply voltage at AC			
● at 50 Hz rated value	110 V		
● at 50 Hz rated value	88 121 V		
• at 60 Hz rated value	120 V		
• at 60 Hz rated value	96 132 V		
apparent holding power of magnet coil at AC	16 VA		
inductive power factor with the holding power of the coil	0.37		
Auxiliary circuit			
number of NC contacts for auxiliary contacts	2		
number of NO contents for auxiliant contents	2		
number of NO contacts for auxiliary contacts			
Protective and monitoring functions			
·	CLASS 10		
Protective and monitoring functions	CLASS 10 thermal (bimetallic)		

UL/CSA ratings				
full-load current (FLA) for 3-phase AC motor				
at 480 V rated value	40 A			
at 600 V rated value	40 A			
yielded mechanical performance [hp]	1077			
for single-phase AC motor				
— at 110/120 V rated value	3 hp			
— at 230 V rated value				
	7.5 hp			
• for 3-phase AC motor	10 hz			
— at 200/208 V rated value — at 220/230 V rated value	10 hp			
	15 hp			
— at 460/480 V rated value	30 hp			
— at 575/600 V rated value	40 hp			
Short-circuit protection				
product function short circuit protection	Yes			
design of the short-circuit trip	magnetic			
conditional short-circuit current (lq)				
 at 400 V according to IEC 60947-4-1 rated value 	150 000 A			
Installation/ mounting/ dimensions				
mounting position	vertical			
fastening method	for snapping onto 60 mm busba	ar systems		
height	350 mm			
width	55 mm			
depth	208 mm			
required spacing				
for grounded parts				
— forwards	0 mm			
— backwards	6 mm			
— upwards	50 mm			
— at the side	10 mm			
— downwards	10 mm			
for live parts				
— forwards	0 mm			
— backwards	6 mm			
	50 mm			
— upwards				
— 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	1 50 mm², 2x (1 25 mm²)			
connectable conductor cross-section for main contacts finely stranded with core end processing	1 35 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 Electrical Safety	1 000 000			
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				
		For upp in herend		
General Product Approval		For use in hazard- ous locations	Test Certificates	
	EHC	K ATEX	Special Test Certific- ate	
Marine / Shipping				



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