SIEMENS

Data sheet 3RA2155-4JD37-0AK6

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number of NO contacts for auxiliary contacts Protective and monitoring functions trip class CLASS 10 design of the overload release thermal (bimetallic)	Auxiliary circuit	
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trip class CLASS 10 design of the overload release thermal (bimetallic)	number of NO contacts for auxiliary contacts	2
design of the overload release thermal (bimetallic)	Protective and monitoring functions	
	trip class	CLASS 10
response value current of instantaneous short-circuit trip unit 845 A	design of the overload release	thermal (bimetallic)
	response value current of instantaneous short-circuit trip unit	845 A

UL/CSA ratings			
full-load current (FLA) for 3-phase AC motor			
• at 480 V rated value	65 A		
at 600 V rated value	54 A		
yielded mechanical performance [hp]			
• for single-phase AC motor			
— at 110/120 V rated value	5 hp		
— at 230 V rated value	10 hp		
• for 3-phase AC motor			
— at 200/208 V rated value	20 hp		
— at 220/230 V rated value	20 hp		
— at 460/480 V rated value	50 hp		
— at 575/600 V rated value	50 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	150 000 A		
Installation/ mounting/ dimensions			
mounting position	vertical		
fastening method	for snapping onto 60 mm busb	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		
— 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	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	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
		ous locations	











Special Test Certificate

Marine / Shipping













Marine / Shipping

other

Railway

Dangerous goods

Environment



Confirmation Special Test Certific-

<u>ate</u>

Transport Information

Environmental Confirmations

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2155-4JD37-0AK6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2155-4JD37-0AK6

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RA2155-4JD37-0AK6

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2155-4JD37-0AK6&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2155-4JD37-0AK6/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2155-4JD37-0AK6&objecttype=14&gridview=view1

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