



<b>design of the overload release</b>	thermal (bimetallic)	
response value current of instantaneous short-circuit trip unit	845 A	
<b>UL/CSA ratings</b>		
<b>full-load current (FLA) for 3-phase AC motor</b>		
• at 480 V rated value	65 A	
• at 600 V rated value	54 A	
<b>yielded mechanical performance [hp]</b>		
• 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	
<b>Short-circuit protection</b>		
<b>product function short circuit protection</b>	Yes	
<b>design of the short-circuit trip</b>	magnetic	
<b>conditional short-circuit current (I<sub>q</sub>)</b>		
• at 400 V according to IEC 60947-4-1 rated value	100 000 A	
<b>Installation/ mounting/ dimensions</b>		
<b>mounting position</b>	vertical	
<b>fastening method</b>	for snapping onto 60 mm busbar systems	
<b>height</b>	350 mm	
<b>width</b>	55 mm	
<b>depth</b>	208 mm	
<b>required spacing</b>		
• 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	
<b>Connections/ Terminals</b>		
type of electrical connection for main current circuit	screw-type terminals	
type of connectable conductor cross-sections for main contacts stranded	1 ... 50 mm <sup>2</sup> , 2x (1 ... 25 mm <sup>2</sup> )	
connectable conductor cross-section for main contacts finely stranded with core end processing	1 ... 35 mm <sup>2</sup>	
<b>Safety related data</b>		
proportion of dangerous failures with high demand rate according to SN 31920	73 %	
<b>B10 value with high demand rate according to SN 31920</b>	1 000 000	
Electrical Safety		
<b>protection class IP on the front according to IEC 60529</b>	IP20	
<b>touch protection on the front according to IEC 60529</b>	finger-safe, for vertical contact from the front	
<b>Approvals Certificates</b>		
General Product Approval	For use in hazardous locations	Test Certificates



[Special Test Certificate](#)

## Marine / Shipping



### Marine / Shipping

other

### Railway

### Dangerous goods

### Environment



[Confirmation](#)

[Special Test Certificate](#)

[Transport Information](#)

[Environmental Confirmations](#)

## Further information

### 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=3RA2135-4JD37-0NB3>

### Cax online generator

<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3RA2135-4JD37-0NB3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2135-4JD37-0NB3>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA2135-4JD37-0NB3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2135-4JD37-0NB3&lang=en)

### Characteristic: Tripping characteristics, I<sub>t</sub>, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2135-4JD37-0NB3/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2135-4JD37-0NB3&objecttype=14&gridview=view1>

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