

design of the overload release	thermal (bimetallic)
response value current of instantaneous short-circuit trip unit	468 A
UL/CSA ratings	
yielded mechanical performance [hp]	
<ul style="list-style-type: none"> for single-phase AC motor <ul style="list-style-type: none"> at 110/120 V rated value for 3-phase AC motor <ul style="list-style-type: none"> at 200/208 V rated value 	<p>3 hp</p> <p>10 hp</p>
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (I_q)	
<ul style="list-style-type: none"> at 400 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	350 mm
width	55 mm
depth	208 mm
required spacing	
<ul style="list-style-type: none"> for grounded parts <ul style="list-style-type: none"> forwards backwards upwards at the side downwards for live parts <ul style="list-style-type: none"> forwards backwards upwards downwards at the side 	<p>0 mm</p> <p>6 mm</p> <p>50 mm</p> <p>10 mm</p> <p>10 mm</p> <p>0 mm</p> <p>6 mm</p> <p>50 mm</p> <p>10 mm</p> <p>10 mm</p>
Connections/ Terminals	
type of electrical connection for main current circuit	screw-type terminals
type of connectable conductor cross-sections for main contacts stranded	1 ... 35 mm ² , 2x (1 ... 16 mm ²)
connectable conductor cross-section for main contacts finely stranded with core end processing	1 ... 25 mm ²
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 hazardous locations	Test Certificates
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[Special Test Certificate](#)

Maritime application



Maritime application	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 for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3RA2135-4PD35-0NB3>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2135-4PD35-0NB3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2135-4PD35-0NB3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2135-4PD35-0NB3&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2135-4PD35-0NB3/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2135-4PD35-0NB3&objecttype=14&gridview=view1>

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