



Contactor 220...240 V AC/DC AC3 110 kW 400 V AC (50...60 Hz) / DC operation  
 auxiliary contacts 2 NO + 2 NC 3-pole, size S10 bar connections conventional  
 operating mechan. screw terminal anti-rust optimized

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Power contactor
<b>product type designation</b>	3RT5
<b>General technical data</b>	
<b>power loss [W] for rated value of the current</b>	
• at AC in hot operating state per pole	17 W
• without load current share typical	6.1 W
<b>type of calculation of power loss current-dependent</b>	quadratic
<b>Substance Prohibitance (day/month/year)</b>	03/01/2017
<b>SVHC substance name</b>	Lead CAS-No. 7439-92-1
<b>Net Weight</b>	6.44 kg
<b>Main circuit</b>	
<b>operating voltage</b>	
• at AC-3 rated value maximum	1 000 V
• at AC-3e rated value maximum	1 000 V
<b>operational current</b>	
• at AC-3	
— at 400 V rated value	225 A
— at 690 V rated value	225 A
• at AC-3e	
— at 400 V rated value	225 A
— at 690 V rated value	225 A
— at 1000 V rated value	68 A
<b>operating power</b>	
• at AC-3	
— at 230 V rated value	55 kW
— at 400 V rated value	110 kW
— at 500 V rated value	160 kW
— at 690 V rated value	200 kW
• at AC-3e	
— at 230 V rated value	55 kW
— at 400 V rated value	110 kW
— at 500 V rated value	160 kW
— at 1000 V rated value	90 kW
<b>operating frequency</b>	
• at AC-3e maximum	500 1/h
<b>UL/CSA ratings</b>	
yielded mechanical performance [hp] for 3-phase AC motor at 460/480 V rated value	150 hp

Electrical Safety	
protection class IP on the front according to IEC 60529	IP00; IP20 with box terminal/cover
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with box terminal/cover
Approvals Certificates	
General Product Approval	EMV



[Confirmation](#)



Maritime application	other	Environment
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[CCS \(China Classification Society\)](#)

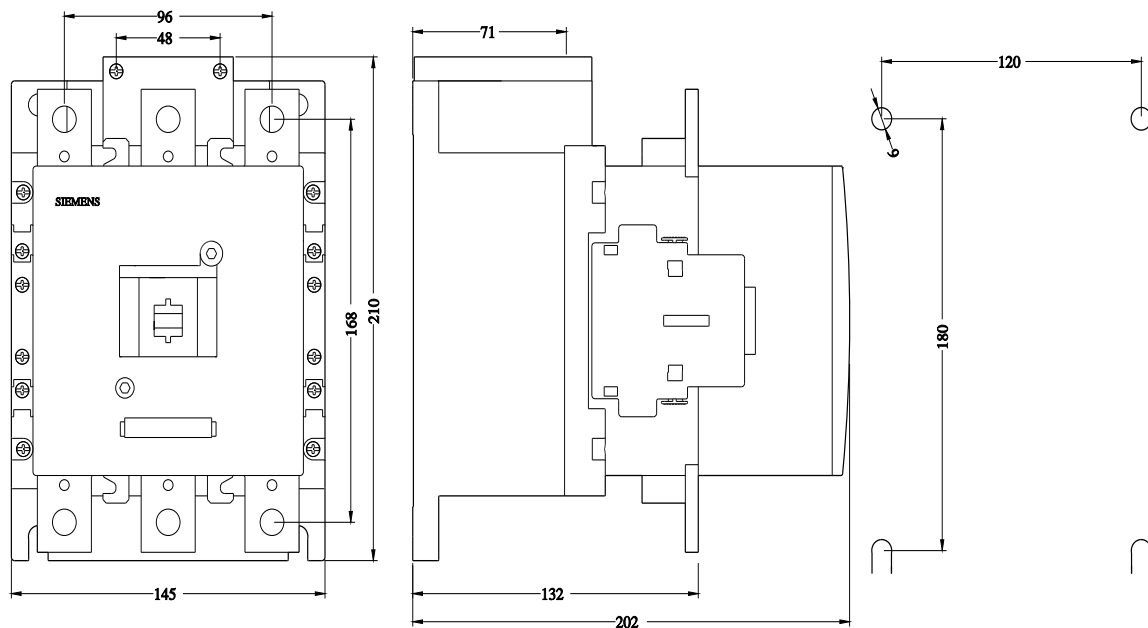
[Confirmation](#)



[Environmental Confirmations](#)

**Further information**

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/products?pnid=16027&lc=en-CN>



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