



Contactor 220 ... 240 V AC/DC AC3 55 kW 400 V AC (50...60 Hz) / DC operation
 auxiliary contacts 2 NO + 2 NC, 3-pole, size S6 with box terminals conventional
 operating mechan. screw terminal anti-rust optimized

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT5
General technical data	
power loss [W] for rated value of the current	
• at AC in hot operating state per pole	7 W
• without load current share typical	4.3 W
type of calculation of power loss current-dependent	quadratic
Substance Prohibitance (day/month/year)	03/01/2017
Net Weight	3.621 kg
Main circuit	
operating voltage	
• at AC-3 rated value maximum	1 000 V
• at AC-3e rated value maximum	1 000 V
operational current	
• at AC-3	
— at 400 V rated value	115 A
— at 690 V rated value	115 A
• at AC-3e	
— at 400 V rated value	115 A
— at 690 V rated value	115 A
— at 1000 V rated value	53 A
operating power	
• at AC-3	
— at 230 V rated value	37 kW
— at 400 V rated value	55 kW
— at 500 V rated value	75 kW
— at 690 V rated value	110 kW
• at AC-3e	
— at 230 V rated value	37 kW
— at 400 V rated value	55 kW
— at 500 V rated value	75 kW
— at 690 V rated value	110 kW
— at 1000 V rated value	75 kW
operating frequency	
• at AC-3e maximum	1 000 1/h
UL/CSA ratings	
yielded mechanical performance [hp] for 3-phase AC motor at 460/480 V rated value	100 hp

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	EMV



[Confirmation](#)



Maritime application	other	Environment
----------------------	-------	-------------

[CCS \(China Classification Society\)](#)

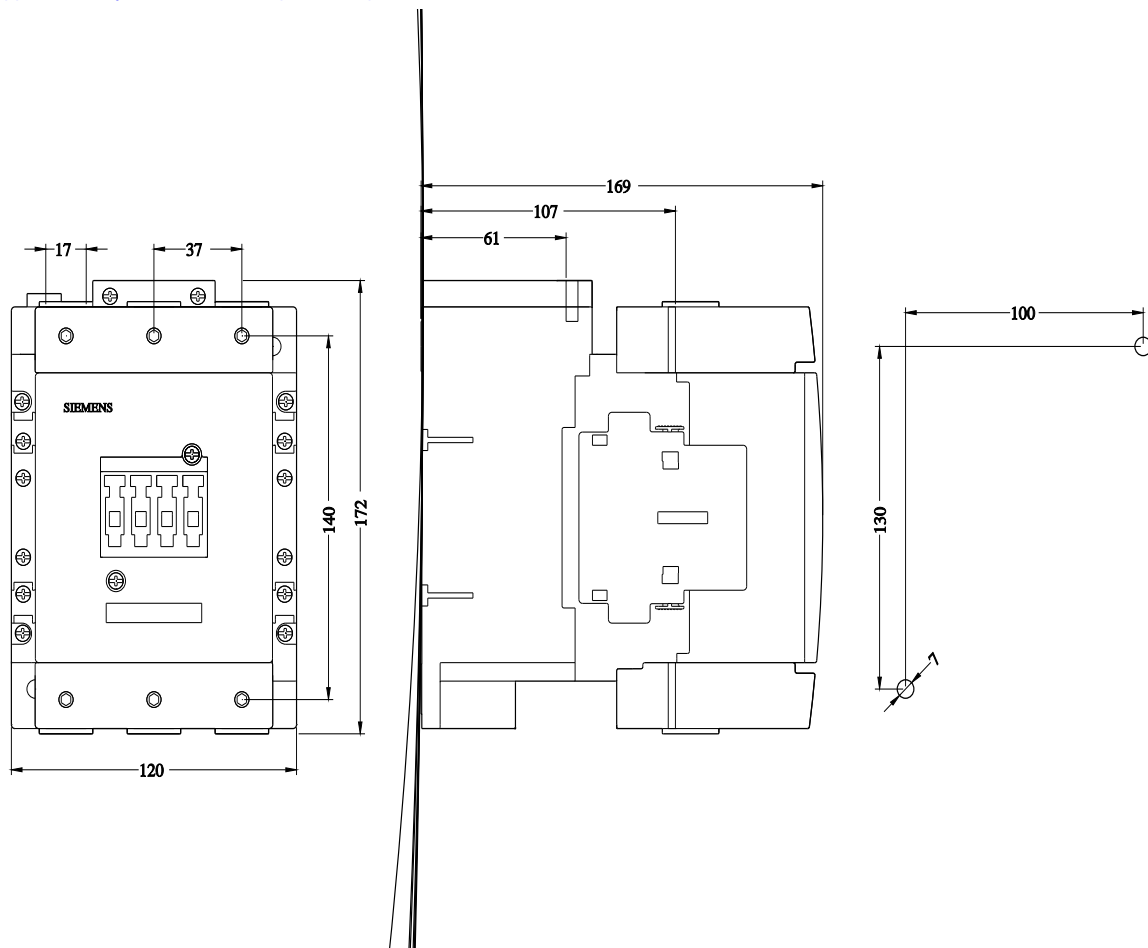
[Confirmation](#)



[Environmental Confirmations](#)

Further information

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



last modified:

4/3/2025