



Contactor 220 ... 240 V AC/DC AC3 90 kW 400 V AC (50...60 Hz) / DC operation
 auxiliary contacts 2 NO + 2 NC, 3-pole, size S6 bar connections conventional
 operating mechan. screw terminal

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	13 W
• without load current share typical	5.2 W
type of calculation of power loss current-dependent	quadratic
Substance Prohibitance (day/month/year)	04/24/2017
SVHC substance name	Lead CAS-No. 7439-92-1
Net Weight	3.33 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	185 A
— at 690 V rated value	170 A
• at AC-3e	
— at 400 V rated value	185 A
— at 690 V rated value	170 A
— at 1000 V rated value	65 A
operating power	
• at AC-3	
— at 230 V rated value	55 kW
— at 400 V rated value	90 kW
— at 500 V rated value	110 kW
— at 690 V rated value	160 kW
• at AC-3e	
— at 230 V rated value	55 kW
— at 400 V rated value	90 kW
— at 500 V rated value	110 kW
— at 690 V rated value	160 kW
— at 1000 V rated value	90 kW
operating frequency	
• at AC-3e maximum	750 1/h
UL/CSA ratings	
yielded mechanical performance [hp] for 3-phase AC motor at	150 hp

460/480 V rated value	
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
Further information	
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/products?pnid=16027&lc=en-CN	

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