

RC-UNIT FOR MCB 5SY TYPE F 0.3-63A 2-POLE
30MA 230V



Model		
product brand name		SENTRON
Product designation		RCCB unit
Design of the product		Short-time delayed
General technical data		
Number of poles		2
Size of installation devices / acc. to DIN 43880		1
Protection against electrical shock		Finger and back-of-hand safe
circuit-breaker / Design		5SM9
Mechanical service life (switching cycles) / typical		10 000
Overvoltage category		III
Supply voltage		
Supply voltage		
• at AC / Rated value	V	230
• for testing equipment / minimum	V	195
Protection class		
Protection class IP		IP20, if the distribution board is installed, with connected conductors

Dissipation		
Active power loss		
for rated value of the current / at AC / in hot operating state / per pole	W	4.6
Electricity		
Tripping residual current / Rated value	mA	30
rated current I _n / IEC, DIN/VDE / at 40 °C	A	58.59
Type of fault current		F
Current / at AC / Rated value	A	63
Surge current resistance / Rated value	kA	3
Product details		
Product property		
halogen-free		Yes
silicon-free		Yes
Product expansion / can be installed / supplementary devices		Yes
Number		
Number of test cycles / for environmental testing / acc. to IEC 60068-2-30		28
Connections		
Connectable conductor cross-section / stranded		
minimum	mm ²	1.5
maximum	mm ²	25
Connectable conductor cross-section / solid		
minimum	mm ²	1.5
maximum	mm ²	25
Tightening torque / with screw-type terminals		
minimum	N·m	2.5
maximum	N·m	3
Position / of power supply cord		top or bottom
Mechanical Design		
mounting position		any
Installation depth	mm	70
Number of width units		2
Mounting type		DIN rail (REG)
Net weight	g	214
Environmental conditions		
Ambient temperature		
minimum	°C	-25
maximum	°C	45

- during storage / minimum permissible
- during storage / maximum permissible

°C	-40
°C	75

Certificates

General Product Approval



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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SM23253>

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

<http://support.automation.siemens.com/WW/view/en/5SM23253/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM23253

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>

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