

RC unit for 5SY, 3-pole, type A, In: 63 A, 100 mA, Un AC: 400 V



Model	
product brand name	SETRON
product designation	RCD-unit
design of the product	instantaneous
number of poles	3
size of installation devices / according to DIN 43880	1
mechanical service life (switching cycles) / typical	10 000
overvoltage category	III
degree of pollution	2
insulation voltage (Ui) / rated value	460 V
surge voltage resistance / rated value	4 000 V
protection function / false tripping	Yes
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	3 W
• maximum	9 W
tripping fault current / rated value	100 mA
operational current	
• at 40 °C / rated value	58.6 A
• at 45 °C / rated value	58.59 A
• at 50 °C / rated value	56.7 A
• at 55 °C / rated value	54.81 A
• at 60 °C / rated value	53.55 A
• at 65 °C / rated value	52.29 A
• at 70 °C / rated value	50.4 A
• at AC / rated value	63 A
residual current type	A
surge current resistance / rated value	1 kA
product feature	
• OFF-delay time adjustable	No
• rated fault current adjustable	No
• sealable	No
connectable conductor cross-section / solid	
• minimum	1.5 mm <sup>2</sup>
• maximum	25 mm <sup>2</sup>
connectable conductor cross-section / stranded	
• minimum	1.5 mm <sup>2</sup>
• maximum	25 mm <sup>2</sup>
tightening torque / with screw-type terminals	
• minimum	2.5 N·m

• maximum	3 N·m
height	90 mm
width	107 mm
depth	70 mm
installation depth	70 mm
number of modular width units	3
fastening method	REG
mounting position	any
net weight	312 g
ambient temperature / during operation	
• minimum	-25 °C
• maximum	45 °C
ambient temperature / during storage	
• minimum permissible	-40 °C
• maximum permissible	75 °C
number of test cycles / for environmental testing / according to IEC 60068-2-30	28
reference code	
• according to EN 61346-2	F
• according to IEC 81346-2	F

#### Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=5SM2435-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2435-6>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=5SM2435-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SM2435-6)

CAX-Online-Generator

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

Tender specifications

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



