

RC unit for 5SY, 4-pole, type A, In: 40 A, 30 mA, Un AC: 400 V



Model	
product brand name	SENTRON
product designation	RCD-unit
design of the product	instantaneous
number of poles	4
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	3.6 W
• maximum	10.8 W
tripping fault current / rated value	30 mA
operational current	
• at 40 °C / rated value	37.2 A
• at 45 °C / rated value	37.2 A
• at 50 °C / rated value	36 A
• at 55 °C / rated value	34.8 A
• at 60 °C / rated value	34 A
• at 65 °C / rated value	33.2 A
• at 70 °C / rated value	32 A
• at AC / rated value	40 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	124 mm
depth	77 mm
installation depth	70 mm
number of modular width units	3
fastening method	REG
mounting position	any
net weight	327 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=5SM2342-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2342-6>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=5SM2342-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SM2342-6)

**CAX-Online-Generator**

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

**Tender specifications**

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





