

RC unit for 5SY, 4-pole, type A, selective, In: 40 A, 1000 mA, Un AC: 400 V



Model	
Product brand name	SENTRON
Product designation	RC unit
Design of the product	Selective
Product variations	for 5SY
General technical data	
Number of poles	4
Size of installation devices / acc. to DIN 43880	1
Protection against electrical shock	Finger and back-of-hand safe
circuit-breaker / Design	5SM2
Mechanical service life (switching cycles) / typical	10 000
Switching function / short-term delayed	No
Overvoltage category	III
Supply voltage	
Current / at AC / rated value	40 A
<ul style="list-style-type: none"> • Supply voltage / at AC / rated value • Supply voltage / for testing equipment / minimum 	230/400 V 195 V

- rated value

50 Hz

Protection class

Protection class IP	IP20, if the distribution board is installed, with connected conductors
---------------------	---

Dissipation

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1.9 W
---	-------

Current

Tripping residual current / rated value	1 000 mA
Type of fault current	A
Surge current resistance / rated value	5 kA
Operating frequency	50/60Hz

Product details

Product feature / silicon-free	Yes
Product extension / can be installed / supplementary devices	Yes

Connections

Connectable conductor cross-section	
<ul style="list-style-type: none"> • solid • stranded 	1.5 ... 25 mm ²
Tightening torque / with screw-type terminals	2.5 ... 3 N·m
Position / of power supply cord	top or bottom

Mechanical Design




Width	124 mm
Depth	77 mm
Installation depth	70 mm
Number of width units	4
Mounting type	DIN rail (REG)
Mounting position	any
Net weight	324 g

Environmental conditions

Ambient temperature	-25 ... +45 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +75 °C

Certificates

Reference code	
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 	F F

General Product Approval		Declaration of Conformity	Test Certificates	other
 CCC	 VDE	 EG-Konf.	Miscellaneous	Miscellaneous

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?mlfb=5SM2842-8>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2842-8>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2842-8

CAx-Online-Generator

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

Tender specifications

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

