

RC unit for 5SY, 2-pole, type F, short-time delayed, In: 40 A, 30 mA,  
Un AC: 230 V



Model	
Product brand name	SENTRON
Product designation	RC unit
Design of the product	Short-time delayed
Product variations	for 5SY
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	5SM2
Mechanical service life (switching cycles) / typical	10 000
Switching function / short-term delayed	Yes
Overvoltage category	III
Supply voltage	
Current / at AC / rated value	40 A
<ul style="list-style-type: none"> <li>• Supply voltage / at AC / rated value</li> <li>• Supply voltage / for testing equipment / minimum</li> </ul>	230 V 195 V

• rated value	50 Hz
<b>Protection class</b>	
Protection class IP	IP20, if the distribution board is installed, with connected conductors
<b>Dissipation</b>	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	3.6 W
<b>Current</b>	
Tripping residual current / rated value	30 mA
Tripping residual / rated value / derated current	
• at 40 Cel	37.2 A
• at 45 Cel	37.2 A
• at 50 Cel	36 A
• at 55 Cel	34.8 A
• at 60 Cel	34 A
• at 65 Cel	33.2 A
• at 70 Cel	32 A
Type of fault current	F
Surge current resistance / rated value	3 kA
Operating frequency	50Hz
<b>Product details</b>	
Product feature / silicon-free	Yes
Product extension / can be installed / supplementary devices	Yes
<b>Connections</b>	
Connectable conductor cross-section	
• solid	1.5 ... 25 mm <sup>2</sup>
• stranded	1.5 ... 25 mm <sup>2</sup>
Tightening torque / with screw-type terminals	2.5 ... 3 N·m
Position / of power supply cord	top or bottom
<b>Mechanical Design</b>	
Installation depth	70 mm
Number of width units	2
Mounting type	DIN rail (REG)
Mounting position	any
Net weight	214 g
<b>Environmental conditions</b>	
Ambient temperature	-25 ... +45 °C
• during storage	-40 ... +75 °C
<b>Certificates</b>	

General Product Approval	Declaration of Conformity	other
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[Miscellaneous](#)



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### 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=5SM2322-3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2322-3>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SM2322-3](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2322-3)

**CAX-Online-Generator**

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

**Tender specifications**

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



