

RC unit for 5SY, 4-pole, type A, In: 40 A, 300 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 (operating 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
supply voltage for testing equipment minimum	195 V
value range of the supply voltage frequency	50 Hz
value range of the operating frequency	50 Hz
protection class IP	IP20, if the distribution board is installed, with connected conductors
protection function false tripping	Yes
power loss [W]	
• for rated value of the current at AC in hot operating state per pole	1.9 W
• maximum	5.7 W
product feature	
• OFF-delay time adjustable	No
• rated fault current adjustable	No
• sealable	No
connectable conductor cross-section solid	
• minimum	1.5 mm ²
• maximum	25 mm ²
connectable conductor cross-section stranded	
• minimum	1.5 mm ²
• maximum	25 mm ²
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	322 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

Certificates

reference code according to IEC 81346-2

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Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=5SM2642-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2642-6>

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

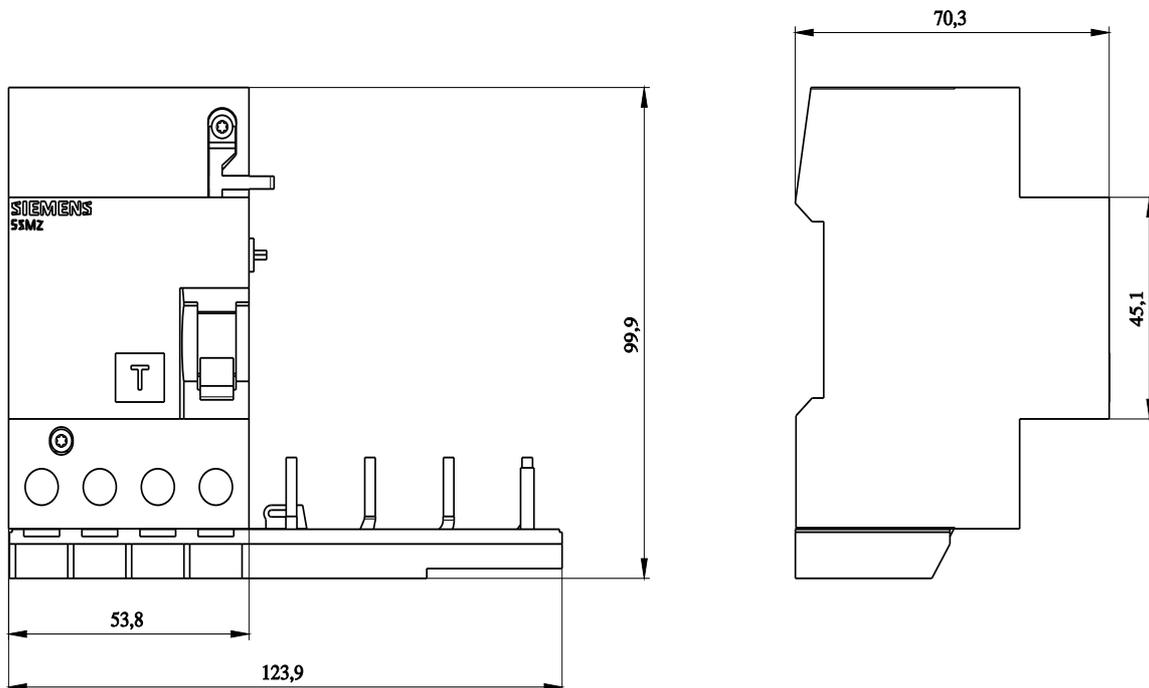
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2642-6

CAX-Online-Generator

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

Tender specifications

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



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