


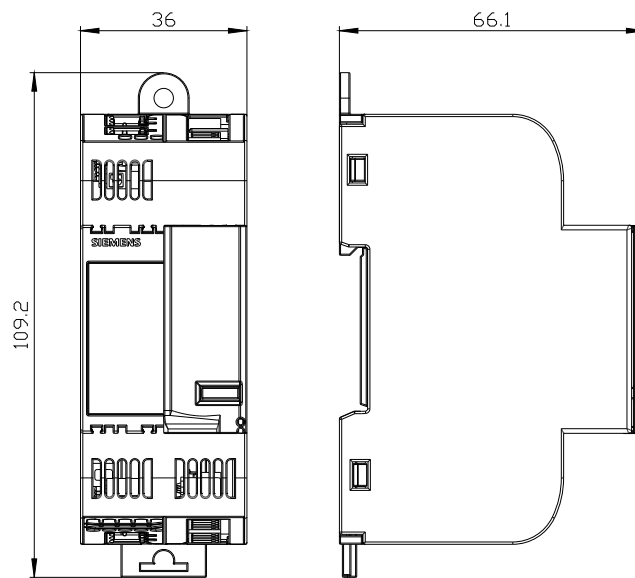




Residual Current Monitor analog Type B 1 Channel with Communication Please consider Radio approval! List of countries: see Certificates

Model	
product brand name	SETRON
product designation	Residual current monitor with communication
design of the product	analog, type B with communication
adjustable response delay time	
• initial value	0 s
• full-scale value	10 s
frequency of the measuring circuit rated value	
• minimum	50 Hz
protection class IP at connection all terminals	IP20
overvoltage category	III
degree of pollution	2
type of voltage of the operating voltage for actuation	AC
operating voltage	
• rated value minimum	110 V
• rated value maximum	240 V
• at AC rated value	230 V
• at DC rated value	24 V
protection class IP	IP20
protection class IP on the front	IP30
Main circuit	
operating frequency rated value	
• minimum	50 Hz
• maximum	60 Hz
Control current	
control supply voltage	
• at DC rated value minimum	24 V
• at DC rated value maximum	240 V
• at AC at 50 Hz rated value minimum	100 V
• at AC at 50 Hz rated value maximum	240 V
• at AC at 60 Hz rated value minimum	100 V
• at AC at 60 Hz rated value maximum	240 V
Auxiliary circuit	
number of CO contacts for auxiliary contacts	2
Relay contacts	
switching voltage of relay contacts rated value	230 V
switching current of relay contacts rated value	5 A
Product function	
product function	
• residual current display	No

• error memory	Yes
• communication function	Yes
Connections	
product component removable terminal for main circuit	No
wire length to the summation current transformer	10 m
stripped length	7 mm
connectable conductor cross-section for flexible conductor	
• minimum	0.2 mm ²
• maximum	2.5 mm ²
connectable conductor cross-section for rigid conductor	
• minimum	0.14 mm ²
• maximum	2.5 mm ²
tightening torque with screw-type terminals	
• minimum	0.22 N·m
• maximum	0.6 N·m
type of connectable conductor cross-sections for AWG cables for supply voltage	AWG 26 ... AWG 14
type of electrical connection	screw terminal
Mechanical Design	
height	109 mm
width	36 mm
depth	64 mm
fastening method	DIN rail
net weight	109 g
Environmental conditions	
influence of the surrounding temperature	Max. 95% humidity
ambient temperature during operation	
• minimum	-25 °C
• maximum	60 °C
ambient temperature during storage	
• minimum	-40 °C
• maximum	70 °C
Certificates	
reference code according to IEC 81346-2	K
Approvals Certificates	
General Product Approval	Environment
   Environmental Confirmations Environmental Confirmations	
Further information	
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=5SV8022-4MR Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SV8022-4MR Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV8022-4MR CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications	



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