



Residual Current Monitor analog Type A 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 A 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	1
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

<ul style="list-style-type: none">• error memory• communication function	Yes		
	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			
<ul style="list-style-type: none">• minimum	0.2 mm²		
<ul style="list-style-type: none">• maximum	1.5 mm²		
connectable conductor cross-section for rigid conductor			
<ul style="list-style-type: none">• minimum	0.2 mm²		
<ul style="list-style-type: none">• maximum	1.5 mm²		
type of electrical connection	tab connection		
Mechanical Design			
height	109 mm		
width	18 mm		
depth	64 mm		
fastening method	DIN rail		
net weight	68 g		
Environmental conditions			
influence of the surrounding temperature	Max. 95% humidity		
ambient temperature during operation			
<ul style="list-style-type: none">• minimum	-25 °C		
<ul style="list-style-type: none">• maximum	60 °C		
ambient temperature during storage			
<ul style="list-style-type: none">• minimum	-40 °C		
<ul style="list-style-type: none">• maximum	70 °C		
Certificates			
reference code according to IEC 81346-2	K		
Approvals Certificates			
General Product Approval	Radio Equipment Type Approval Certificate	other	Environment



[Miscellaneous](#)

[Confirmation](#)

[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=5SV8022-6MP>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV8022-6MP>

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

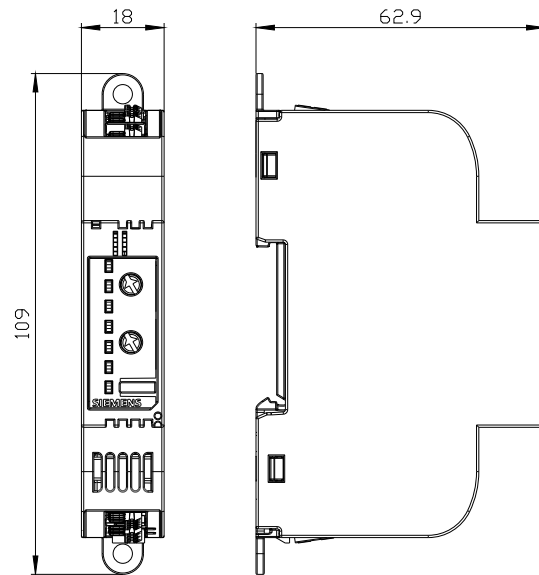
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV8022-6MP

CAX-Online-Generator

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

Tender specifications

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



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