



Figure similar

residual current operated circuit breaker, 4-pole, type A, In: 63 A, 30 mA, Un AC: 400 V,

Model	
product brand name	SENTRON
product designation	Residual current operated circuit breaker
design of the product	Instantaneous
product type designation	5SV5
General technical data	
number of poles	4
size of installation devices according to DIN 43880	1
mechanical service life (operating cycles) typical	4 000
short-circuit current of series fuse maximum permissible	80 A
short-circuit current rating	6 kA
switching function short-term delayed	No
degree of pollution	2
insulation voltage (Ui) rated value	2 000 V
tripping fault current rated value	30 mA
let-through current permissible	7 100 A
I2t value permissible	110 000 A²·s
Supply voltage	
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
value range of the supply voltage at AC	230/400 V
Protection class	
protection class IP	IP20, if the distribution board is installed, with connected conductors
Breaking Capacity	
switching capacity current	0.8 kA
• according to IEC 61008-1 rated value	
grid spacing	60 mm
Dissipation	
power loss [W]	4.1 W
• for rated value of the current at AC in hot operating state per pole	
• maximum	
	12.3 W
Appearance	
RAL color number	7 035
RAL color number (similar)	7 035
Product details	
product feature silicon-free	Yes
product extension installable supplementary devices	No

Connections			
connectable conductor cross-section solid		0.75 mm² 35 mm²	
<ul style="list-style-type: none">• minimum• maximum			
connectable conductor cross-section stranded		0.75 mm² 35 mm²	
<ul style="list-style-type: none">• minimum• maximum			
tightening torque with screw-type terminals		2.5 N·m 3 N·m	
<ul style="list-style-type: none">• minimum• maximum			
position of power supply cord		top or bottom	
Mechanical Design			
height		90 mm	
width		72 mm	
depth		70 mm	
installation depth		70 mm	
number of modular width units		4	
fastening method		DIN rail (REG)	
mounting position		any	
Net Weight		346 g	
Environmental conditions			
ambient temperature during operation		-5 °C 45 °C	
<ul style="list-style-type: none">• minimum• maximum			
ambient temperature during storage minimum		-40 °C	
number of test cycles for environmental testing according to IEC 60068-2-30		28	
Approvals Certificates			
General Product Ap- proval	other	Dangerous goods	Environment



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Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=5SV5346-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV5346-6>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV5346-6

CAX-Online-Generator

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

Tender specifications

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

