



Figure similar

RES.CURRENT OP.CIRCUIT BREAKER TYPE AC WS
D=55MM 40A 1+N-POL IFN 0,3A 230V 2MW

Model		
product brand name		SENTRON
Product designation		RCCB
Design of the product		Instantaneous
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
Short-circuit current rating	kA	10
circuit-breaker / Design		5SM1
Mechanical service life (switching cycles) / typical		10 000
Overvoltage category		III
Protection class		
Protection class IP		IP20, if the distribution board is installed, with connected conductors
Switching capacity		
Switching capacity current		
• acc. to EN 60898 / Rated value	kA	0.5
Dissipation		
Active power loss		
• for rated value of the current / with AC / in hot operating state / per pole	W	2.5
Electricity		

Tripping residual current / Rated value	mA	300
rated current I _n / IEC, DIN/VDE / at 40 °C	A	40
Current / with AC / Rated value	A	40

Product details

Product property		
• halogen-free		Yes
• silicon-free		Yes
Product expansion / can be installed / supplementary devices		Yes

Number

Number of test cycles / for environmental testing / acc. to IEC 60068-2-30		28
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Connections

Connectable conductor cross-section / stranded		
• minimum	mm ²	1
• maximum	mm ²	16
Connectable conductor cross-section / solid		
• minimum	mm ²	1
• maximum	mm ²	16
Tightening torque / with screw-type terminals		
• minimum	N·m	2.5
• maximum	N·m	3
Position / of power supply cord		top or bottom

Mechanical Design

mounting position		any
Installation depth	mm	55
Number of width units		2
Mounting type		DIN rail (REG)

Environmental conditions

Ambient temperature		
• minimum	°C	-5
• maximum	°C	45
• during storage / minimum permissible	°C	-40
• during storage / maximum permissible	°C	60

Certificates

General Product Approval				Declaration of Conformity	Test Certificates
					Special Test Certificate
ÖVE	GOST	VDE		EG-Konf.	

Test Certificates	other	
Type Test Certificates/Test Report	other	Environmental Confirmations

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SM16140>

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

<http://support.automation.siemens.com/WW/view/en/5SM16140/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM16140

CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>

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