

RES.CURRENT OP.CIRCUIT BREAKER TYPE A
D=55MM 40A 3+N-POL IFN 30MA 500V 4MW



Figure similar

Model		
product brand name		SENTRON
Product designation		RCCB
Design of the product		Instantaneous
General technical data		
Number of poles		4
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
Supply voltage		
Supply voltage		
<ul style="list-style-type: none"> at AC / Rated value 	V	500
<ul style="list-style-type: none"> for testing equipment / minimum 	V	100
Protection class		


Protection class IP		IP20, if the distribution board is installed, with connected conductors
Switching capacity		
Switching capacity current		
<ul style="list-style-type: none"> • acc. to EN 60898 / Rated value 	kA	0.8
Dissipation		
Active power loss		
<ul style="list-style-type: none"> • for rated value of the current / at AC / in hot operating state / per pole 	W	3.2
Electricity		
Tripping residual current / Rated value	mA	30
rated current I_n / IEC, DIN/VDE / at 40 °C el	A	40
Type of fault current		A
Current / at AC / Rated value	A	40
Surge current resistance / Rated value	kA	1
Product details		
Product property		
<ul style="list-style-type: none"> • halogen-free 		Yes
<ul style="list-style-type: none"> • 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
Connections		
Connectable conductor cross-section / stranded		
<ul style="list-style-type: none"> • minimum 	mm ²	1.5
<ul style="list-style-type: none"> • maximum 	mm ²	25
Connectable conductor cross-section / solid		
<ul style="list-style-type: none"> • minimum 	mm ²	1.5
<ul style="list-style-type: none"> • maximum 	mm ²	25
Tightening torque / with screw-type terminals		
<ul style="list-style-type: none"> • minimum 	N·m	2.5
<ul style="list-style-type: none"> • 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		4
Mounting type		DIN rail (REG)

Net weight	g	520
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Environmental conditions

Ambient temperature		
• minimum	°C	-25
• maximum	°C	45
• during storage / minimum permissible	°C	-40
• during storage / maximum permissible	°C	60

Certificates

General Product Approval	Test Certificates	other
	Typprüfbescheinigung/Werkszeugnis sonstig	spezielle Prüfbescheinigungen Umweltbestätigung

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/5SM13546>

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

<http://support.automation.siemens.com/WW/view/en/5SM13546/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SM13546

CAX-Online-Generator

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

Tender specifications

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

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