

RES.CURRENT OP.CIRCUIT BREAKER TYPE AC WS
D=55MM 40A 3+N-POL IFN 30MA 400V 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

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 / with 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 Cel	A	40
Current / with AC / Rated value	A	40

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)

Environmental conditions

Ambient temperature		
<ul style="list-style-type: none"> • minimum 	°C	-5
<ul style="list-style-type: none"> • maximum 	°C	45
<ul style="list-style-type: none"> • during storage / minimum permissible 	°C	-40
<ul style="list-style-type: none"> • during storage / maximum permissible 	°C	60

Certificates

General Product Approval	Declaration of Conformity
--------------------------	---------------------------



ÖVE



GOST



VDE



[other](#)



EG-Konf.

Test Certificates	other
-------------------	-------

[Type Test Certificates/Test Report](#)

[other](#)

[Special Test Certificate](#)

[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/5SM13440>

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

<http://support.automation.siemens.com/WW/view/en/5SM13440/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM13440

CAX-Online-Generator

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

Tender specifications

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

last modified:

11.03.2015