

RES.CURRENT OP.CIRCUIT BREAKER TYPE AC WS
63A 1+N-POL IFN 30MA 230V 2,5MW SUCCESSOR
5SV4 316-0



Figure similar

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
circuit-breaker / Design		5SM3
Mechanical service life (switching cycles) / typical		10 000
Overvoltage category		III
Supply voltage		
Supply voltage		
• at AC / Rated value	V	230
• 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		
• acc. to EN 60898 / Rated value	kA	0.8
Dissipation		
Active power loss		
• for rated value of the current / at AC / in hot operating state / per pole	W	4.2
Electricity		
Tripping residual current / Rated value	mA	30
rated current I _n / IEC, DIN/VDE / at 40 Cel	A	63
Type of fault current		AC
Current / at AC / Rated value	A	63
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
Connections		
Connectable conductor cross-section / stranded		
• minimum	mm ²	1.5
• maximum	mm ²	25
Connectable conductor cross-section / solid		
• minimum	mm ²	1.5
• maximum	mm ²	25
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		
Height	mm	90
Width	mm	36
Depth	mm	70
mounting position		any
Installation depth	mm	70
Number of width units		2.5
Mounting type		DIN rail (REG)
Net weight	g	318

Environmental conditions

Ambient temperature

• minimum	°C	-5
• maximum	°C	45
• during storage / minimum permissible	°C	-40
• during storage / maximum permissible	°C	75

Certificates

Equipment marking

• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	F

General Product Approval

Declaration of Conformity



[sonstig](#)



Test Certificates

other

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[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/5SM33160>

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

<http://support.automation.siemens.com/WW/view/en/5SM33160/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM33160

CAX-Online-Generator

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

Tender specifications

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

last modified:

24.07.2015