SIEMENS

CIRCUIT BREAKER 230V 15KA, 1+N-POLE, C,
4A, D=70MM

Similar to image

Technical data:		
product brand name		SENTRON
Product designation		5SY miniature circuit breaker
Mounting type		Quick assembly system
Type of voltage		AC/DC
Height	mm	90
Width	mm	36
Depth	mm	76
Net weight	g	312
mounting position		any
Mounting depth	mm	70
Current / for AC / rated value	A	4
Tripping characteristic class		C
Supply voltage		
• for AC / rated value	V	230
Supply voltage / for DC / rated value		
• with single-phase operation / with AC / rated value	V	230
Number of poles /note		1P+N
Switching capacity current		

• in accordance with IEC 60947-2 / rated value	kA	40
• with DC / in accordance with IEC 60947-2 / rated value	kA	15
• acc. to EN 60898 / rated value	kA	15
Breaking capacity short-circuit current (Icn)		
• with DC / in accordance with EN 60898-2	kA	15
• with AC / in accordance with UL 1077 and CSA C22.2 No.235	kA	5
Active power loss / at rated value current / with AC / in warm operating state / per pole	W	1.4
Number of width units		2
Product extension / can be installed / supplementary device		Yes
Product feature / sealable		Yes
Degree of pollution		3
Influence of the surrounding temperature		max. 95% humidity
Ambient temperature	°C	-25 … +55
Ambient temperature		
• during storage	°C	-40 … +75
Position / of power supply cord		Any
Product property / properties for main switches in accordance with EN 60204-1		Yes
Mechanical operating cycles as operating time / typical		20,000
Resistance against vibration / according to IEC 60068-2-6		50m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)
Overvoltage class		3
Product equipment / touch-protection		Yes
Resistance against shock / according to IEC 60068-2-27		150m/s² at 11ms half-sine
Insulation voltage		
• with single-phase operation / with AC / rated value	V	250
AWG number		
• as encoded connectable conductor cross-section		14 … 4
Section de conducteur raccordable		
• solid	mm²	0.75 … 35
• multibrin	mm²	0.75 … 35
• finely stranded		
• with wire end processing	mm²	0.75 … 25
Product component		
• combined terminal top		Yes
• combined terminal bottom		Yes
Tightening torque		
• with screw-type terminals	N·m	2.5 … 3
Tightening torque (lbf·in)		
• with screw connection	lbf·in	22 … 26

Product feature		
• silicon-free		Yes
• halogen-free		Yes
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30		6
Reference code / according to DIN EN 61346-2		F

Certificates/approvals:

General Product Approval	Declaration of Conformity
CCC GOST IMQ UL VDE	CE EG-Konf.
Shipping Approval	**other**
BUREAU VERITAS DNV GL LRS RINA	other

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/5SY7504-7

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
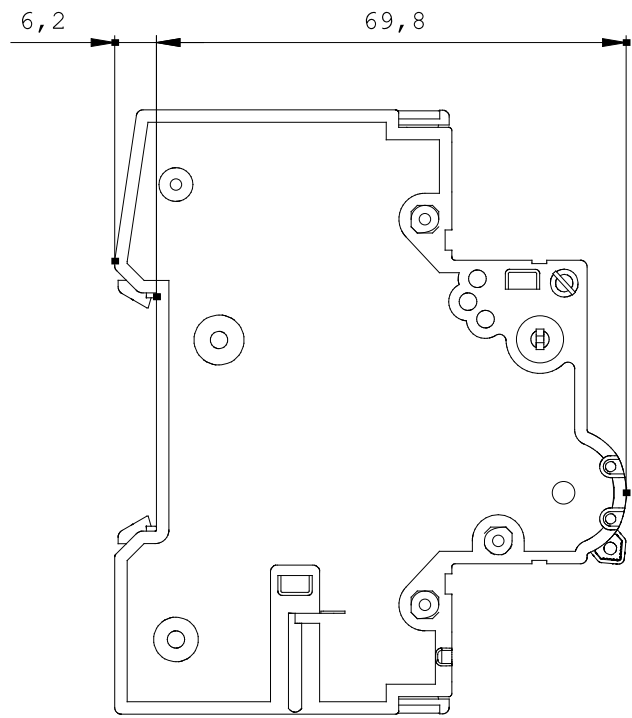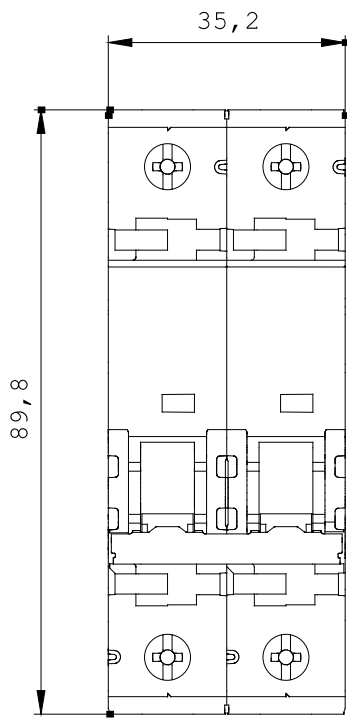http://support.automation.siemens.com/WW/view/en/5SY7504-7/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY7504-7

CAx-Online-Generator
http://www.siemens.com/cax

35,2

89,8

6,2

69,8

last change: Apr 7, 2014