



CIRCUIT BREAKER 400V 6KA,3+N-POLE C, 8A, 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	72
Depth	mm	76
Net weight	g	607
mounting position		any
Mounting depth	mm	70
Current / for AC / rated value	A	8
Tripping characteristic class		C
Supply voltage		
• for AC / rated value	V	400
Supply voltage / for DC / rated value		
• with multi-phase operation / with AC / rated value	V	400
Number of poles /note		3P+N
Switching capacity current		

• in accordance with IEC 60947-2 / rated value	kA	15
• with DC / in accordance with IEC 60947-2 / rated value	kA	15
• acc. to EN 60898 / rated value	kA	6
Breaking capacity short-circuit current (I_{cn})		
• with DC / in accordance with EN 60898-2	kA	10
• 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	1.5
Number of width units		4
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 multi-phase operation / with AC / rated value	V	440
AWG number • as encoded connectable conductor cross-section		14 ... 4
Section de conducteur raccordable • solid • multibrin • finely stranded • with wire end processing	mm² mm² mm²	0.75 ... 35 0.75 ... 35 0.75 ... 25
Product component • combined terminal top • combined terminal bottom		Yes 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 ID / according to DIN EN 61346-2		F

Certificates/approvals:

General Product Approval



CCC



GOST



IMQ



UL



VDE

Shipping Approval

other



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/5SY6608-7>

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

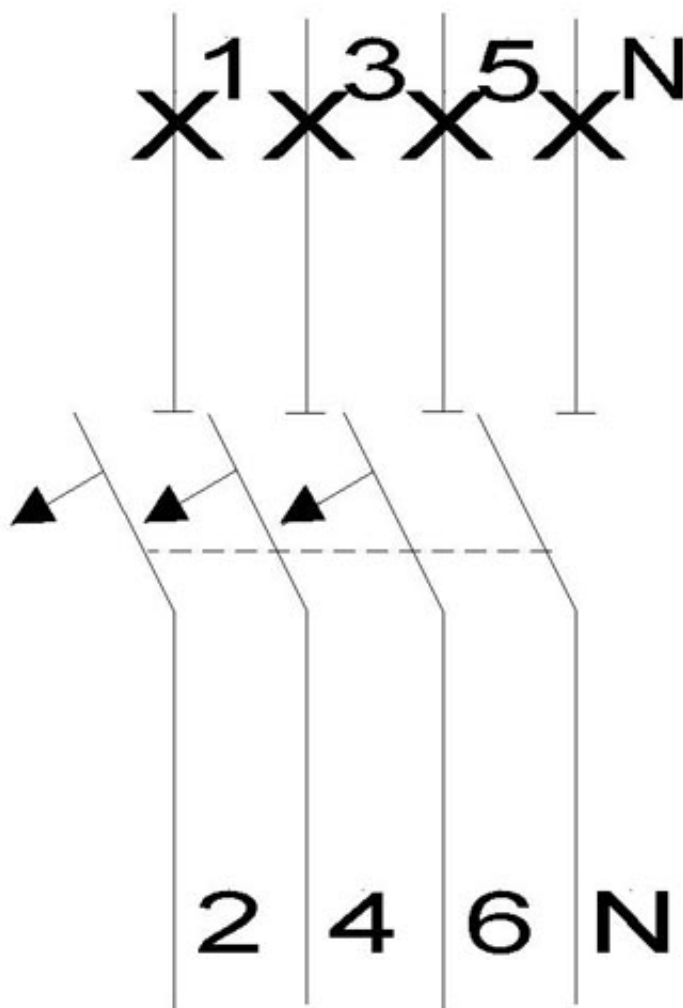
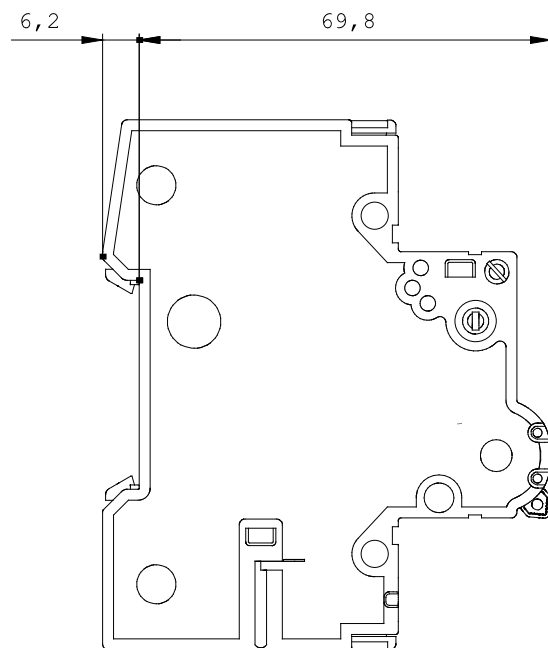
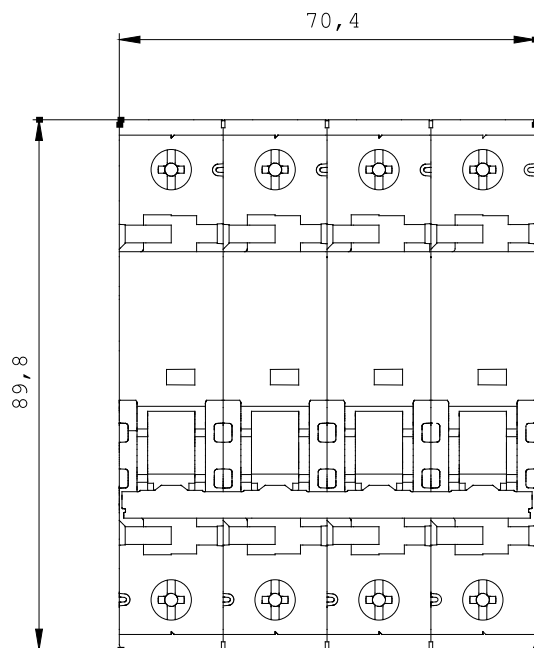
<http://support.automation.siemens.com/WW/view/en/5SY6608-7/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY6608-7

CAX-Online-Generator

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



last change:

Mar 24, 2014