



CIRCUIT BREAKER 400V 10KA, 2-POLE, D,
6A, D=70MM

Similar to image











Technical data:

product brand name		Sentron
product designation		5SY miniature circuit breaker
Type of mounting		Quick assembly system
type of voltage		AC/DC
Height	mm	90
Width	mm	36
Depth	mm	76
mounting position		any
Mounting depth	mm	70
Current / for AC / rated value	A	6
Tripping characteristic class		D
Supply voltage		
• for AC / rated value	V	400
• with multi-phase operation / with AC / rated value	V	400
Number of poles /note		2P
Switching capacity current		
• in accordance with IEC 60947-2 / rated value	kA	35
• with DC / in accordance with IEC 60947-2 / rated value	kA	15

• acc. to EN 60898 / rated value	kA	10
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	1.9
Number of pitch units for width		2
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/s ² at 25 to 150Hz and 60m/s ² at 35Hz (4sec)
Overvoltage class		3
Product equipment / touch-protection		Yes
Resistance against shock / according to IEC 60068-2-27		150m/s ² 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	mm ²	0.75 ... 35
• multibrin	mm ²	0.75 ... 35
• finely stranded		
• with wire end processing	mm ²	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

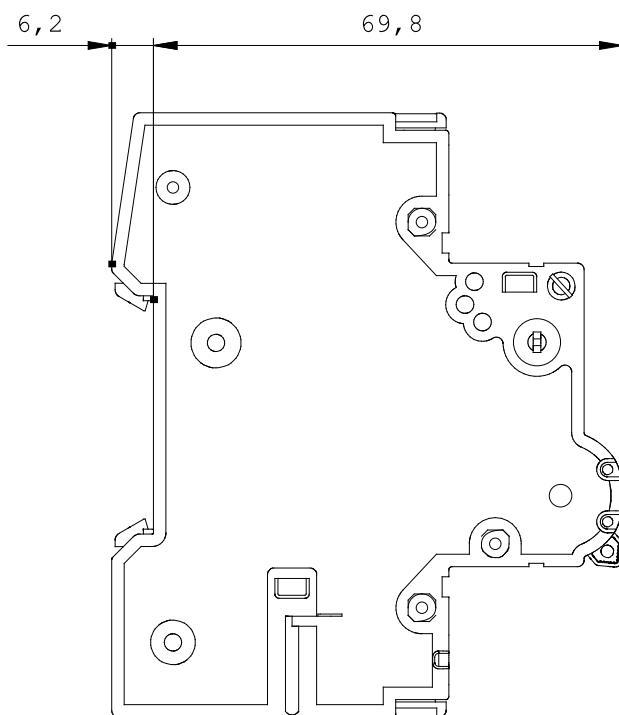
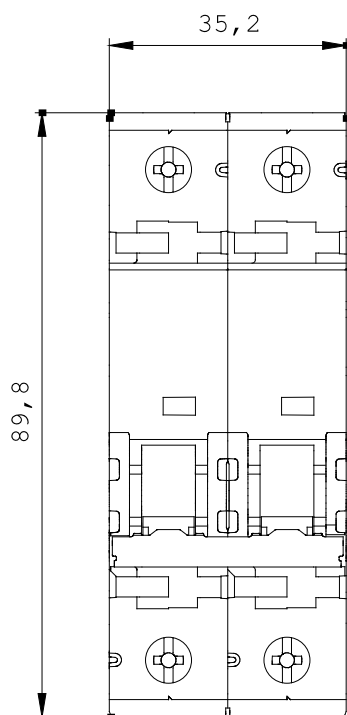
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30	6
Item designation / according to DIN EN 61346-2	F

Certificates/approvals:

General Product Approval					Declaration of Conformity
 CCC	 GOST	 IMQ	 UL	 VDE	 EG-Konf.
Test Certificates	Shipping Approval			other	
Special Test Certificate	 BUREAU VERITAS	 DNV	 LRS	 RINA	other

Further information:

- Information- and Downloadcenter (Catalogs, Brochures,...)**
<http://www.siemens.com/lowvoltage/catalogs>
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- Industry Mall (Online ordering system)**
<http://www.siemens.com/lowvoltage/mall>
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- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<http://support.automation.siemens.com/WW/view/en/5SY4206-8/all>
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- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY4206-8
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- CAX-Online-Generator**
<http://www.siemens.com/cax>



last change:

Aug 21, 2013