SIEMENS

Product data sheet 5SY4114-8

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CIRCUIT BREAKER 230/400V 10KA, 1-POLE, D, 0.3A, D=70MM

Technical data:		
Type of mounting		Quick assembly system
type of voltage		AC/DC
Height	mm	90
Width	mm	18
Depth	mm	76
mounting position		any
Mounting depth	mm	70
Current / for AC / rated value	A	0.3
Tripping characteristic class		D
Supply voltage		
• for AC / rated value	V	400
• with single-phase operation / with AC / rated value	V	230
• with multi-phase operation / with AC / rated value	V	400
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 (Icn)		

• 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 pitch units for width		1
Product feature / sealable		Yes
Degree of pollution		3
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
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
• 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	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		
• [not supplied - 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:

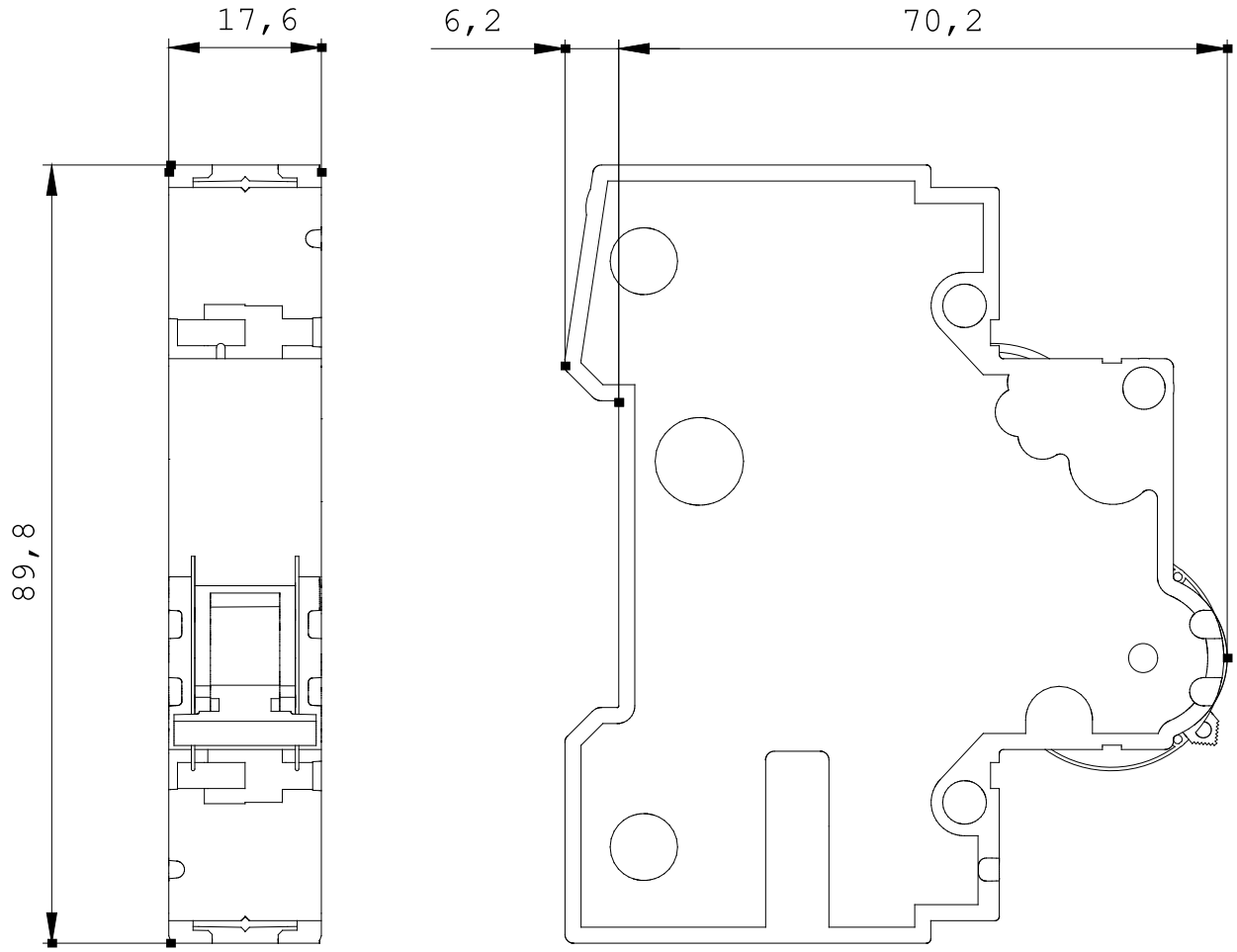
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/lowvoltage/mall

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/5SY4114-8/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY4114-8

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



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