



CIRCUIT BREAKER 240V 10KA, 1-POLE, C, 45A, D=70MM ACC. TO UL 489

Similar to image

Technical data:		
type of voltage		AC/DC
Type of mounting		on standard mounting rail
mounting position		any
Mounting depth	mm	70
Height	mm	110
Width	mm	18
Depth	mm	70
Current / for AC / rated value	A	45
rated current In / IEC, DIN/VDE / at 40 Cel	A	45
Tripping characteristic class		C
Operating voltage / minimum	V	24
Supply voltage / for AC / rated value	V	400
Supply voltage		
• with single-phase operation / with AC / rated value	V	230
• with multi-phase operation / with AC / rated value	V	400
Supply voltage frequency / rated value	Hz	50
Operating voltage		

• with AC / in accordance with UL 489 and CSA C22.2 No. 5-02 / maximum • with DC • rated value / maximum • 1-channel / in accordance with UL 489 and CSA C22.2 No. 5-02 / maximum • 2-channel / in accordance with UL 489 and CSA C22.2 No. 5-02 / maximum	V	240
	V	60
	V	60
	V	125
Number of poles /note		1P
Switching capacity current • in accordance with IEC 60947-2 / rated value • acc. to EN 60898 / rated value	kA	15
	kA	10
Breaking capacity short-circuit current (I_{cn}) / with AC / in accordance with UL 1077 and CSA C22.2 No.235	kA	10
Active power loss / at rated value current / with AC / in warm operating state / per pole	W	5.5
Number of pitch units for width		1
Product feature / sealable		Yes
Degree of pollution		3
Position / of power supply cord		Any
Mechanical operating cycles as operating time / typical		20,000
Overvoltage class		3
Product equipment / touch-protection		Yes
Insulation voltage / for AC / rated value	V	440
Conductor cross-section that can be connected / finely stranded • with wire end processing	mm ²	0.75 ... 25
Product component • combined terminal top • combined terminal bottom • tunnel terminals top • tunnel terminals bottom		Yes Yes No No
Product function / [not supplied - note]		Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in
Product feature • [not supplied - silicon-free] • halogen-free		Yes Yes
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30		6
Device tag • according to DIN EN 61346-2 • according to DIN EN 81346-2	F F	

Certificates/approvals:

General Product Approval



Declaration of Conformity

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,...)

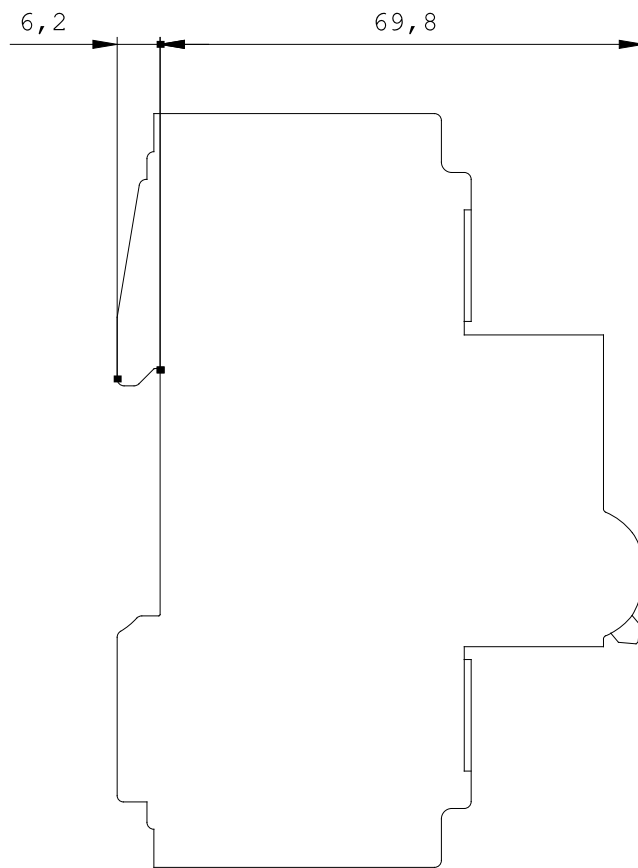
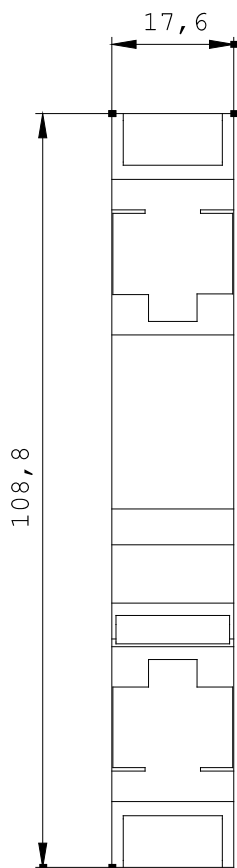
<http://support.automation.siemens.com/WW/view/en/5SJ4145-7HG41/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4145-7HG41

CAX-Online-Generator

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



last change:

Dec 17, 2012