SIEMENS

Data sheet 5SJ4115-7HG40



Miniature circuit breaker 240 V 14kA, 1-pole, C, 1.6A, D=70 mm according to UL 489, equal polarity

Model			
product brand name	SENTRON		
product designation	Miniature circuit breakers		
design of the product	Miniature circuit-breaker 5SJ4		
General technical data			
number of poles	1		
design of pole	1P		
tripping characteristic class	C		
mechanical service life (operating cycles) typical	10 000		
installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)		
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750	F		
overvoltage category	3		
degree of pollution	3		
Voltage			
insulation voltage (Ui) at AC rated value	440 V		
Supply voltage			
supply voltage			
 at AC rated value 	400 V		
 at DC rated value 	60 V		
value range of the supply voltage frequency	50/60 Hz		
operating voltage			
 at AC according to UL 489 and CSA C22.2 No. 5-02 maximum 	120 V		
 at DC rated value maximum 	60 V		
 at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum 	60 V		
supply voltage frequency rated value	50 Hz		
Protection class			
protection class IP	IP20, with connected conductors, IP 40 in the handle range		
Switching capacity			
switching capacity current			
 according to EN 60898 rated value 	10 kA		
 according to IEC 60947-2 rated value 	15 kA		
Dissipation			
power loss [W] for rated value of the current at AC in hot operating state per pole	1.6 W		
Current			
operational current			
 at 30 °C rated value 	1.6 A		
at 40 °C rated value	1.6 A		

mounting rail to 150Hz and 60 25 Hz; 50 m/s²	0m/s² at 35Hz (4sec) at 25 to 150 Hz	Declaration of Conformity
to 150Hz and 60 o 25 Hz; 50 m/s²		
to 150Hz and 60 o 25 Hz; 50 m/s²		
to 150Hz and 60 o 25 Hz; 50 m/s²		
to 150Hz and 60 o 25 Hz; 50 m/s²		
i to 150Hz and 60		
i to 150Hz and 60		
i to 150Hz and 60		
i to 150Hz and 60		
	∩m/c² at 25∐≠ /4200	
nounting rail		
mounting rail		
nounting rail		
nounting roll		
torque ior	Ca, 00/70 C, 0.0(1)	JO HO.III
tening torque for	Cu, 60/75°C; 3.5Nm	1/31lb in
Yes Yes		
engineering / indu	ıstry	
1.6 A		
1.4 A 1.3 A		











Declaration of Test Certificates other



Miscellaneous

Special Test Certificate

Miscellaneous

Environmental Confirmations

Confirmation

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SJ4115-7HG40

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4115-7HG40

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

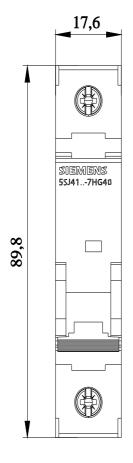
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4115-7HG40

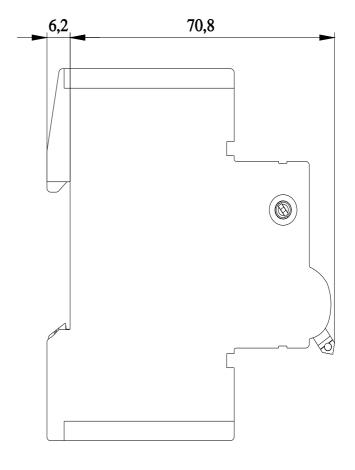
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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