SIEMENS

Data sheet 5SJ4116-7HG42



Circuit breaker 10kA, 1-pole, C, 16A according to UL 489-277V

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 (switching 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		
type of voltage of the operating voltage	AC/DC	
insulation voltage (Ui) at AC rated value	440 V	
Supply voltage		
supply voltage at AC rated value	400 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 	277 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	
 at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum 	125 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	2.2 W	
Current		
operational current		
at 30 °C rated value	16 A	

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General Product Approval Declaration of Conformity		
	General Product Approval	Declaration of Conformity











Test Certificates

other

Special Test Certificate

Environmental Confirmations **Miscellaneous**

Further information

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=5SJ4116-7HG42

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4116-7HG42

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4116-7HG42

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





