SIEMENS

Data sheet

5SJ4106-8HG42



Circuit breaker 10kA, 1-pole, D, 6A 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		
tripping characteristic class	D		
mechanical service life (switching cycles) / typical	10 000		
installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)		
reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. 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		
operating voltage			
 at AC / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum 	277 V		
 at DC / rated value / maximum 	60 V		
 at DC / single channel / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum 	60 V		
 at DC / 2-channel / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum 	125 V		
Protection class			
protection class IP	IP20, with connected conductors, IP 40 in the handle range		
Switching capacity			
switching capacity current			
 acc. to EN 60898 / rated value 	10 kA		
 acc. 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	2.7 W		
Current			
operational current			
 at 30 °C / rated value 	6 A		
• at 40 °C / rated value	6 A		
 at 45 °C / rated value 	5.8 A		
• at 50 °C / rated value	5.7 A		

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	General Product Approval			Test Certificates		

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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=5SJ4106-8HG42

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4106-8HG42

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

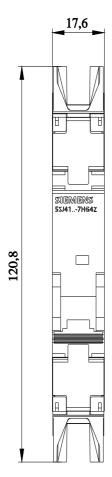
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4106-8HG42

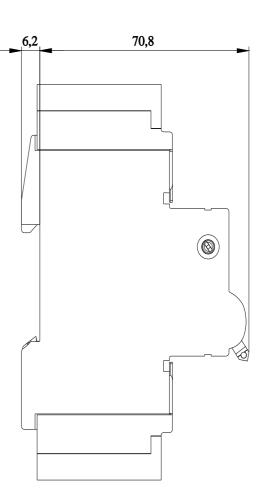
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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