SIEMENS

Data sheet 5SJ4306-7HG42



Circuit breaker 10kA, 3-pole, C, 6A according to UL 489-480Y/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	3		
tripping characteristic class	С		
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			
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		
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						
e at 60 °C / rated value e at AC / rated value e at AC / rated value bye of valtage supply / at AC / acc. to UL 489 and CSA Main circuit bye of valtage supply / at AC / acc. to UL 489 and CSA 202.2 No. 50 / suitability for operation Mechanical engineering / industry Product details product component / neutral conductor switching product general four fouch protection yes product feature / bush protection • unriel terminals bottom • combined terminal top • lialogen-free • sealable • s	 at 50 °C / rated value 	5.7 A				
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General Product Approval Declaration of Test Cortificates						
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	General Product Approval			Test Certificates		











Special Test Certificate

other

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=5SJ4306-7HG42

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4306-7HG42

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4306-7HG42

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



