SIEMENS

Data sheet 5SJ4104-7HG42



Circuit breaker 10kA, 1-pole, C, 4 A 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		
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	1.8 W		
Current			
operational current			
 at 30 °C rated value 	4 A		
 at 40 °C rated value 	4 A		

* at 65 °C rated value			
* at 55 °C rated value			
e at 60 °C rated value e at AC rated value 4 A Main circuit ype of voltage supply at AC according to UL 489 and CSA C22 2 No 5-012 suitability for operation Mechanical engineering / industry Product dratis product component • Lunnel terminals top • Lunnel terminals top • Combined terminal top • Combined terminal bottom • No • Combined terminal tortom • No			
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Declaration of Conformity

Test Certificates

other

CE

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=5SJ4104-7HG42

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4104-7HG42

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4104-7HG42

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



