SIEMENS

Data sheet

5SJ4110-8HG41



Miniature circuit breaker 240 V 14kA, 1-pole, D, 10A, D=70 mm according to UL 489 $\,$

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 / 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 	240 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	1.3 W		
Current			
operational current			
• at 30 °C / rated value	10 A		
• at 40 °C / rated value	10 A		

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 ai 55 °C / rates value 9.1 A ai 65 °C / rates value 9.1 A ai AC / rates value 10 A Man critoria Man critoria Type of voltage supply / at AC / according to UL 499 and CSA C22 2 No. 542 Suthability for operation Mechanical engineering / industry Product component / neutral conductor switching product component / neutral conductor switching product cataria Product feature / bouch protection Yes product feature / bouch protection Yes combined terminals top Ves combined terminal bottom Yes combined terminal bottom Yes sealable Yes product conson / Installable / supplementary devices Yes product function / Inde Terminal lightening torque for Cu, 60/75°C; 3 Shm/31b.in Short circuit tore and processing minialing minialing tore and processing minialing tore	• at 45 °C / rated value	9.7 A	
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reference code	• maximum	75 °C	
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	<u>Confirmation</u>		DE	EHC	CE EG-Konf.
Declaration of Conformity	Test Certificates		other		
UK	<u>Miscellaneous</u>	<u>Special Test Certific-</u> <u>ate</u>	<u>Miscellaneous</u>		

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=5SJ4110-8HG41 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SJ4110-8HG41 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4110-8HG41 CAx-Online-Generator http://www.siemens.com/cax Tender specifications

http://www.siemens.com/specifications



