SIEMENS

Data sheet

5SJ4204-8HG41



Miniature circuit breaker 240 V 14kA, 2-pole, D, 4A, D=70 mm according to UL 489

Figure similar

Model	
product brand name	SENTRON
product designation	Miniature circuit breakers
design of the product	Miniature circuit-breaker 5SJ4
General technical data	
number of poles	2
design of pole	2P
tripping characteristic class	D
mechanical service life (operating 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	
insulation voltage (Ui) at AC rated value	440 V
operational current	
• at 30 °C rated value	4 A
• at 40 °C rated value	4 A
• at 50 °C rated value	3.8 A
• at 55 °C rated value	3.7 A
• at 60 °C rated value	3.6 A
 at AC rated value 	4 A
Supply voltage	
supply voltage	
• at AC	400 V
at DC rated value	60 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 	240 V
 at DC rated value maximum 	60 V
 at DC 1-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
Breaking Capacity	

switching capacity current is according to FU 00000 radio value 0 Io A e. according to FU 00000 radio value 0 if to A e. according to FU 000000 radio value 0 if to A e. according to FU 00000 radio value 0 if to A e. according to FU 00000 radio value 0 if to A e. according to FU 00000 radio value 0 if to A e. according to FU 00000 radio value 0 if to A e. according to FU 00000 radio value 0 if to FU 00000 radio value 0 if to A e. according to FU 00000 radio value 0 if to A e. according to FU 00000 radio value 0 if to A e. according to FU 00000 radio value 0 if to A e. according to FU 000000 radio value 0 if to A e. according to FU 0000		_
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operating static per pole Prode of voltage supply at AC according to UL 489 and CSA 240 Size 24 No. 50-02 sublishilly for operation Infrastructure / Industry Product details product component Infrastructure / Industry • turnel terminals top No Infrastructure / Industry • turnel terminals top No Infrastructure / Industry • combined terminal top Yes Infrastructure / Industry • combined terminal top Yes Infrastructure / Industry • combined terminal top Yes Indigot / I	Dissipation	
type of voltage surply at AC according to UL 489 and CSA 240 Subability for operation Infrastructure / Industry product details Infrastructure / Industry product component No • turnel terminals top No • combined terminal top Yes • combined terminal tootom Yes • control terminal tootom Yes • control terminal tootom Yes • control terminal tootom Yes • analytic for optication Yes • solitopic free Yes • solitopic free Yes • product chasion Yes • solitopic free Yes • product chasion Terminal teghtening torque for Cus, 6075°C; 3.5Nm/31b.in Short choruit Terminal teghtening torque for Cus, 6075°C; 3.5Nm/31b.in Short choruit current breaking capacity (icn) at AC according to 14 kA Connectable Connectable Connectable Conscitute Connectable Conscitute Connectable Conscitute Connectable Conscitute Connec		1.6 W
cbzz No. 552 ************************************	Main circuit	
2roduct component • • turnel terminals top No • turnel terminals top Yes • combined terminal bottom Yes • combined terminal bottom Yes • combined terminal bottom Yes • neutral conductor switching No product feature Yes • halogen-free Yes • saliable Yes product extension installable supplementary devices Yes Product extension note Terminal tightening torque for Cu, 6075°C; 3.5Nm/31b.in Short circuit current breaking capacity (Icn) at AC according to UL 107° and CSA C22 z No 235 Connectable conductor cross-section finely stranded with core end processing • mainhum 0.75 mm ³ 14 kA UL 107° and CSA C22 z No 235 Connectable conductor cross-section finely stranded with core end processing		240
2roduct component • • turnel terminals top No • turnel terminals top Yes • combined terminal bottom Yes • combined terminal bottom Yes • combined terminal bottom Yes • neutral conductor switching No product feature Yes • halogen-free Yes • saliable Yes product extension installable supplementary devices Yes Product extension note Terminal tightening torque for Cu, 6075°C; 3.5Nm/31b.in Short circuit current breaking capacity (Icn) at AC according to UL 107° and CSA C22 z No 235 Connectable conductor cross-section finely stranded with core end processing • mainhum 0.75 mm ³ 14 kA UL 107° and CSA C22 z No 235 Connectable conductor cross-section finely stranded with core end processing	suitability for operation	Infrastructure / Industry
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• maximum55 °Cambient temperature during operationmax. 95% humidityambient temperature during storage-40 °C• maximum-75 °C		
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ambient temperature during storage -40 °C • maximum 75 °C		
• minimum -40 °C • maximum 75 °C		max. 95% humidity
• maximum 75 °C		
Approvals Certificates		75 °C
	Approvals Certificates	



Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=5SJ4204-8HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4204-8HG41

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

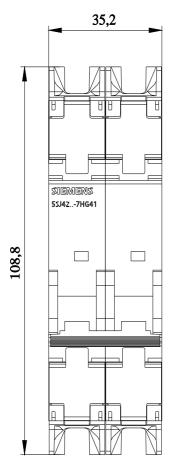
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4204-8HG41

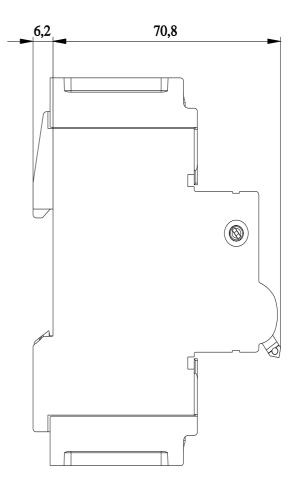
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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