SIEMENS

Data sheet 5SJ4104-7HG41



Miniature circuit breaker 240 V 14kA, 1-pole, C, 4A, D=70 mm according to UL 489

product trans name SENTRON Miniature circuit breakers design of the product Miniature circuit breakers design of the product Miniature circuit breakers mumber of poles 1 design of pole 1P tripping characteristic class C mechanical service life (operating cycles) typical 10 000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) Ferference code according to DIN 40719 extended according to IEC 780 overvorlage category 3 degree of pollution 3 voltage voltage 44 AC rated value 44 AV operational current 45 5° C rated value 4A A • at 30° C rated value 4A A • at 50° C rated value 3.8 A • at 55° C rated value 4A A • at 60° C rated value 4A A • at AC rated value 4A A • at AC rated value 4A A • at AC according to IU. 489 and CSA C22.2 No. 5-02 maximum • at DC rated value maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL. 489 and CSA C22.2 No. 5-		
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design of pole tripping characteristic class C C 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 EIC 750 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	General technical data	
tripping characteristic class C 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 overvoltage category 3 degree of pollution 3 Voltage insulation voltage (II) at AC rated value 440 V operational current 440 °C rated value 455 °C rated value 3.8 A 3	number of poles	1
mechanical service life (operating cycles) typical installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code according to DIN 40719 extended according to EC 204-2 according to IEC 750 overvoltage category 3 degree of pollution 3 Voltage insulation voltage (UI) at AC rated value 440 V operational current 4 at 30 °C rated value 4 A 4 A 4 at 40 °C rated value 4 A A 5 5 °C rated value 5 °C rated value 4 A A 5 6 °C rated value 4 A A 5 6 °C rated value 5 6 °C rated value 6 1 6 °C rated value 7 6 °C rated value 7 7 8 °C rated value 7 8 °C rated value 7 8 °C rated value 8 8 °C rated value 8 8 °C rated value 9 8	design of pole	1P
Installation environment regarding EMC reference code according to DIN 40719 extended according to IEC 2042 according to EIE 750 overvoltage category 3 degree of pollution 3 Voltage Insulation voltage (UI) at AC rated value 440 V operational current • at 30 °C rated value • at 40 °C rated value • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value • at 60 °C rated value • at 60 °C rated value • at AC rated value • at AC °C rated value •	tripping characteristic class	С
reference code according to DIN 40719 extended according to IEC 2042 according to IEC 750 voervoltage category degree of pollution 3 Voltage insulation voltage (Ui) at AC rated value 440 V operational current • at 30 °C rated value • at 40 °C rated value • at 40 °C rated value • at 50 °C rated value • at 50 °C rated value • at 60 °C rated value • at 60 °C rated value • at AC rated value • at DC rated value • at DC rated value • at DC rated value maximum • at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel acco	mechanical service life (operating cycles) typical	10 000
to IEC 204.2 according to IEC 750 overvoltage category 3 degree of pollution 3 Voltage insulation voltage (Ui) at AC rated value 440 V operational current • at 30 °C rated value 4A • at 40 °C rated value 4A • at 40 °C rated value 3.8 A • at 55 °C rated value 3.7 A • at 60 °C rated value 4A • at 60 °C rated value 3.6 A • at 60 °C rated value 4A • at 7 C rated value 50 °C rated value 50 °C rated value 60 °C rated value 70 °C rated 70 °	installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)
degree of pollution Voltage insulation voltage (Ui) at AC rated value 440 V operational current • at 30 °C rated value • at 40 °C rated value • at 50 °C rated value • at 50 °C rated value • at 60 °C rated value • at 60 °C rated value • at 60 °C rated value • 60 V operating voltage • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC rated value maximum • at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum		F
Voltage insulation voltage (Ui) at AC rated value 440 V operational current • at 30 °C rated value • at 40 °C rated value • at 55 °C rated value • at 55 °C rated value • at 60 °C rated value • at AC • at DC rated value • at AC • at DC rated value • at AC cacording to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum to the thin	overvoltage category	3
insulation voltage (Ui) at AC rated value operational current • at 30 °C rated value • at 40 °C rated value • at 50 °C rated value • at 50 °C rated value • at 50 °C rated value • at 60 °C rated value • at 60 °C rated value • at 60 °C rated value • at AC rated value • at AC rated value • at AC rated value Supply voltage • at AC • at DC rated value • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. supply voltage frequency rated value 50 Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	degree of pollution	3
operational current • at 30 °C rated value • at 40 °C rated value • at 55 °C rated value • at 55 °C rated value • at 55 °C rated value • at 60 °C rated value • at 60 °C rated value • at 60 °C rated value • at AC • at DC rated value • at C rated value • at DC rated value • at C rated value maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum to the total conductors, IP 40 in the handle range Breaking Capacity current	Voltage	
at 30 °C rated value at 40 °C rated value 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 60 °C rated value 4 A Supply voltage supply voltage at AC be at AC a	insulation voltage (Ui) at AC rated value	440 V
at 40 °C rated value 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 at DC rated value 60 V operating voltage at DC rated value 60 V at DC rated value 60 V at DC rated value 60 V summinum at DC rated value maximum 60 V at DC rated value maximum 60 V at DC rated value maximum 60 V at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum by toltage frequency rated value supply voltage frequency rated value protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	operational current	
at 50 °C rated value at 55 °C rated value at 60 °C rated value at 60 °C rated value at 60 °C rated value at AC rated value at AC rated value supply voltage at AC at	• at 30 °C rated value	4 A
at 55 °C rated value at 60 °C rated value at AC rated value 4 A Supply voltage supply voltage at AC at A	 at 40 °C rated value 	4 A
at AC rated value at AC rated value supply voltage at AC at DC rated value be at AC according to UL 489 and CSA C22.2 No. 5-02 maximum at DC rated value maximum at DC rated value maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel accordi	 at 50 °C rated value 	3.8 A
at AC rated value Supply voltage at AC at DC rated value operating voltage at AC according to UL 489 and CSA C22.2 No. 5-02 maximum at DC rated value maximum at DC rated value maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum aupply voltage frequency rated value by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-channel according to UL 489 and CSA C22.2 No. 125 V by Totection class IP at DC 2-chann	 at 55 °C rated value 	3.7 A
Supply voltage • at AC • at DC rated value operating voltage • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC rated value maximum • at DC rated value maximum • at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum Supply voltage frequency rated value To Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	 at 60 °C rated value 	3.6 A
supply voltage • at AC • at DC rated value 60 V operating voltage • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC rated value maximum • at DC rated value maximum • at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value 50 Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	 at AC rated value 	4 A
at AC at DC rated value operating voltage at AC according to UL 489 and CSA C22.2 No. 5-02 maximum at DC rated value maximum at DC rated value maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum but DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value protection class protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	Supply voltage	
at DC rated value operating voltage at AC according to UL 489 and CSA C22.2 No. 5-02 maximum at DC rated value maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	supply voltage	
operating voltage • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC rated value maximum • at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	• at AC	400 V
at AC according to UL 489 and CSA C22.2 No. 5-02 maximum at DC rated value maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum 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	at DC rated value	60 V
maximum • at DC rated value maximum • at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value Frotection class protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	operating voltage	
at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum 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		240 V
5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum 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	• at DC rated value maximum	60 V
5-02 maximum 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		60 V
Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current		125 V
protection class IP IP20, with connected conductors, IP 40 in the handle range Breaking Capacity switching capacity current	supply voltage frequency rated value	50 Hz
Breaking Capacity switching capacity current	Protection class	
switching capacity current	protection class IP	IP20, with connected conductors, IP 40 in the handle range
	Breaking Capacity	
• according to EN 60898 rated value 10 kA	switching capacity current	
	 according to EN 60898 rated value 	10 kA

 according to IEC 60947-2 rated value 	15 kA
Dissipation	IV IV
power loss [W] for rated value of the current at AC in hot	1.0 W
operating state per pole	1.8 W
Main circuit	
type of voltage supply at AC according to UL 489 and CSA C22.2 No. 5-02	240
suitability for operation	Infrastructure / Industry
Product details	
product feature touch protection	Yes
product component	
• tunnel terminals top	No
• tunnel terminals bottom	No
combined terminal top	Yes
combined terminal bottom	Yes
neutral conductor switching	No
product feature	
• halogen-free	Yes
• sealable	Yes
• silicon-free	Yes
product extension installable supplementary devices	Yes
Product function	
set values setting current (li) for I-tripping	7,5
reference value setting current (Ii) for I-tripping	x ln
product function note	Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in
Short circuit	
short-circuit current breaking capacity (Icn) at AC according to UL 1077 and CSA C22.2 No.235	14 kA
Connections	
connectable conductor cross-section finely stranded with	
core end processing	
• minimum	0.75 mm²
maximum	25 mm ²
tightening torque with screw-type terminals maximum	3.5 N·m
position of power supply cord	Any
Mechanical Design	
height	110 mm
width	18 mm
depth	70 mm
installation depth	70 mm
number of modular width units	1
fastening method	on standard mounting rail
	any
mounting position	arry
net weight	170 g
net weight	
net weight Environmental conditions standard vibration resistance	170 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)
net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6	170 g IEC / EN 60947-2 / UL 489
net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation	170 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz
net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum	170 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz -25 °C
net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum	170 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz -25 °C 55 °C
net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during operation	170 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz -25 °C
net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during operation ambient temperature during storage	170 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz -25 °C 55 °C max. 95% humidity
net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during operation ambient temperature during storage • minimum	170 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz -25 °C 55 °C max. 95% humidity -40 °C
net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during operation ambient temperature during storage • minimum • maximum	170 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz -25 °C 55 °C max. 95% humidity
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General Product Approval

Test Certificates

other

Environment

Special Test Certific-<u>ate</u>

Miscellaneous

Confirmation

Environmental Con**firmations**

Environmental Confirmations

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=5SJ4104-7HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4104-7HG41

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

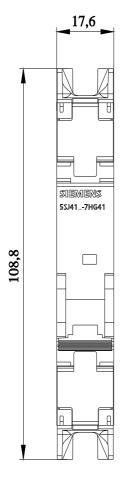
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4104-7HG41

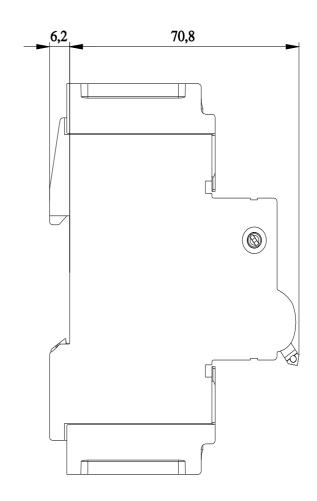
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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