SIEMENS

Data sheet 5SJ4308-7HG41



Miniature circuit breaker 240 V 14kA, 3-pole, C, 8A, D=70 mm according to UL 489 $\,$

Figure similar

product brand name product designation distributed circuit breakers design of the product designation distributed circuit breaker SL4 General technical data number of poles 3 design of pole 3P 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) Ference code according to DIN 40719 extended according to IEC 204-2 according to IEC 790 voewordtage category 3 degree of pollution 3 Voltage Voltage Voltage 440 V operational current at 30 °C rated value 8A	Model	
product designation design of the product Ministure circuit-breaker SSJ4 General technical data number of poles 3 design of pole 3P tripping characteristic class C mechanical service life (operating cycles) typical Installation environment regarding EMC reference code according to DIN 40719 extended according to IEC 204-2 according to EC 790 overvoltage category 3 degree of pollution 3 Voltage Insulation voltage (UI) at AC rated value 9 at 30 °C rated value 4 at 40 °C rated value 4 at 50 °C rated value 5 at 50 °C rated value 5 at 50 °C rated value 5 at 60 °C rated value 5 at 60 °C rated value 5 at AC rated value 6 at 60 °C rated value 7 at AC rated value 8 A 5 at AC rated value 8 A 6 at DC rated value 9 at AC rated value 9 at AC 6 at DC rated value 9 at AC 6 at DC rated value 9 at AC 7 at DC rated value 9 at AC 8 at DC rated value 9 at AC 9 at DC rated value maximum 9 at DC rated value value 9 at AC 9 at DC rated value 9 at AC 9 at DC ra		CENTRON
design of the product General technical data number of poles design of pole tipping characteristic class 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 IEC 204-2 according to DIN 40719 extended according to IEC 204-2 according to DIN 40719 extended according to Overvoltage category degree of pollution 3 Voltage Insulation voltage (Ui) at AC rated value at 40 °C rated value at 40 °C rated value at 40 °C rated value at 60 °C rated value at 6	·	
General technical data number of poles design of pole tripping characteristic class mechanical service life (operating cycles) typical Installation environment regarding EMC reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 205-2 maximum **Voltage** Insulation voltage (UI) at AC rated value **at 30 °C rated value **at 40 °C rated value **at 40 °C rated value **at 40 °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 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 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 **supply voltage frequency rated value **protection class **protection class **protection class **protection class **protection class IP **Pr		
number of poles 3 design of pole 3P 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 EIC 204-2 according to EIC 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 8 A		Miniature circuit-oreaker 55J4
design of pole tripping characteristic class C 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 IEC 204-2 according to IEC 750 overvoltage category degree of pollution 3 Voltage insulation voltage (UI) at AC rated value 440 V operational current at 30 °C rated value 8 A at 40 °C rated value 8 A at 50 °C rated value 7,6 A at 55 °C rated value 7,2 A at 65 °C rated value 8 A Supply voltage at AC rated value 8 A 4 AO V 9 at AC rated value 9 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 poly voltage protection class protection class protection class 1 P 1920, with connected conductors, IP 40 in the handle range		
tripping characteristic class mechanical service life (operating cycles) typical installation environment regarding EMC 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 (Ui) at AC rated value 440 V operational current 4 at 30 °C rated value 5 at 30 °C rated value 6 at 55 °C rated value 7 .4 A 6 at 60 °C rated value 7 .4 A 7 .4 A 7 .4 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A 8	·	
mechanical service life (operating cycles) typical installation environment regarding EMC reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 780 overvoltage category degree of pollution 3 Voltage insulation voltage (Ui) at AC rated value operational current • at 30 °C rated value • at 40 °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 crated value • at CC crated value maximum • at DC crated 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 supply voltage frequency rated value Frotection class protection class IP	- ·	
installation environment regarding EMC 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 (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 rated value • at CC rated value rate value rate value • at CC rated value rate value rate value • at CC rated value rate value rate value • at CC rated value rate value rate value • at CC rated value rate value rate value • at CC rated value rate value rate value • at CC rated value rate value rate value • at CC rated value rate value rate value • at CC rated value rate value rate value rate value • at CC rated value rate	· · · ·	
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750 overvoltage category degree of pollution 3 Voltage insulation voltage (Ui) at AC rated value operational current • at 30 °C rated value • at 40 °C rated value • at 55 °C rated value • at 60 °C rated value • at AC according to UL 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 supply voltage frequency rated value Frotection class protection class protection class IP IP20, with connected conductors, IP 40 in the handle range		
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 8 A • at 40 °C rated value 7.6 A • at 55 °C rated value 7.4 A • at 60 °C rated value 8 A • at 60 °C rated value 8 A • at 60 °C rated value 7.2 A • at AC rated value 8 A Supply voltage supply voltage • at AC • 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 • at DC 7-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 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 third the thi		` '
degree of pollution 3 Voltage insulation voltage (Ui) at AC rated value 440 V operational current • at 30 °C rated value 8 A • at 40 °C rated value 7.6 A • at 55 °C rated value 7.4 A • at 60 °C rated value 7.2 A • at 60 °C rated value 8 A • at 7.2 A • at AC rated value 8 A Supply voltage supply voltage • at AC • at DC rated value 60 V value range of the supply voltage frequency 90/60 Hz operating voltage • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum • 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 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 to the thint th		F
insulation voltage (Ui) at AC rated value 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 60 °C rated value • at AC rated value supply voltage • at AC • at DC rated value • at DC rated value • at DC rated value • at Caccording to UL 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 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 • 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 maxim	overvoltage category	3
insulation voltage (Ui) at AC rated value 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 60 °C rated value • at AC ado voltage • at AC • at DC rated value • at DC rated value • at Caccording 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 • 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		3
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 AC crated value • at AC • at AC • at C rated value • at AC • at DC rated value • at AC • at DC rated value • at DC rated value waximum • 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 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 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 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	Voltage	
 at 30 °C rated value at 40 °C rated value at 50 °C rated value at 55 °C rated value at 60 °C rated value at 60 °C rated value at AC rated value at AC at DC rated value 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. 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 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<	insulation voltage (Ui) at AC rated value	440 V
 at 40 °C rated value at 50 °C rated value 7.6 A at 55 °C rated value 7.4 A at 60 °C rated value 8 A Supply voltage at AC rated value 8 A Supply voltage at AC 400 V at DC rated value 60 V value range of the supply voltage frequency operating voltage 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 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 supply voltage frequency rated value 50 Hz Protection class IP20, with connected conductors, IP 40 in the handle range 	operational current	
 at 50 °C rated value at 55 °C rated value 7.4 A at 60 °C rated value 7.2 A at AC rated value 8 A Supply voltage at AC at DC rated value 60 V value range of the supply voltage frequency 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 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 30 °C rated value 	8 A
at 55 °C rated value at 60 °C rated value at AC rated value at AC rated value supply voltage supply voltage at AC at DC rated value 400 V value range of the supply voltage frequency 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 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 thinted	 at 40 °C rated value 	8 A
 at 60 °C rated value at AC rated value 8 A Supply voltage at AC at DC rated value 60 V value range of the supply voltage frequency 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 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 by Ottage frequency rated value by Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range 	 at 50 °C rated value 	7.6 A
at AC rated value Supply voltage supply voltage at AC at DC rated value to perating 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 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 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 according to UL 489 and CSA C22.2 No. 5-02 maximum to the total according to UL 489 and CSA C22.2 No. 5-02 maximum to the total according to UL 489 and CSA C22.2 No. 5-02 maximum to the total according to UL 489 and CSA C22.2 No. 5-02 maximum to the total according to UL 489 and CSA C22.2 No. 5-02 maximum to the total accordi	• at 55 °C rated value	7.4 A
Supply voltage 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. 5-02 maximum • at DC 9-03 maximum • at DC 9-04 maximum • at DC 9-05 maximum •	 at 60 °C rated value 	7.2 A
supply voltage • at AC • at DC rated value 60 V value range of the supply voltage frequency 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 protection class IP IP20, with connected conductors, IP 40 in the handle range	at AC rated value	8 A
at AC at DC rated value 60 V value range of the supply voltage frequency 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 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	Supply voltage	
 at DC rated value 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 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 Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range 	supply voltage	
value range of the supply voltage frequency 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	• at AC	400 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 supply voltage frequency rated value Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range	at DC rated value	60 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 supply voltage frequency rated value Protection class IP20, with connected conductors, IP 40 in the handle range 	value range of the supply voltage frequency	50/60 Hz
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 Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range	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 Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range		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 Frotection class protection class IP IP20, with connected conductors, IP 40 in the handle range	at DC rated value maximum	60 V
5-02 maximum supply voltage frequency rated value Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range		60 V
Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range		125 V
protection class IP IP20, with connected conductors, IP 40 in the handle range	supply voltage frequency rated value	50 Hz
<u> </u>	Protection class	
Breaking Capacity	protection class IP	IP20, with connected conductors, IP 40 in the handle range
	Breaking 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	2.6 W
operating state per pole	
Main circuit	040
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 In
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	14 kA
UL 1077 and CSA C22.2 No.235	
UL 1077 and CSA C22.2 No.235	
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core	0.75 mm²
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing	0.75 mm ² 25 mm ²
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum	
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord	25 mm²
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum	25 mm ² 3.5 N·m
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord	25 mm ² 3.5 N·m
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design	25 mm² 3.5 N·m Any
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth	25 mm ² 3.5 N·m Any
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 g
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 g IEC / EN 60947-2 / UL 489
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 g IEC / EN 60947-2 / UL 489
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 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
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 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
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 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
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position 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	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 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
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during storage	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 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
Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 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
UL 1077 and CSA C22.2 No.235 Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum • maximum • maximum • maximum • maximum • maximum	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 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
Connections connectable conductor cross-section finely stranded with core end processing • minimum • maximum tightening torque with screw-type terminals maximum position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions standard vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum	25 mm² 3.5 N·m Any 110 mm 54 mm 70 mm 70 mm 3 on standard mounting rail any 483 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







Confirmation





General Product Approval

Test Certificates

other

Environment

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

Confirmation

Miscellaneous

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=5SJ4308-7HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4308-7HG41

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

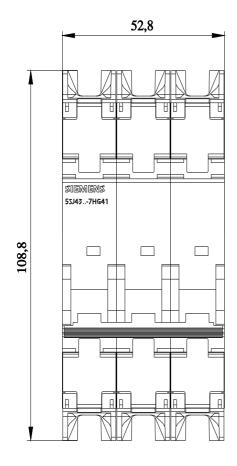
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4308-7HG41

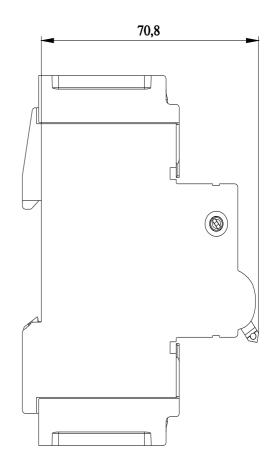
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





last modified:

8/22/2024

