## **SIEMENS**

Data sheet 5SJ4202-7HG41



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

Figure similar

product brand name product design atton design of the product 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 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 3 degree of poliution 3 voltage insulation voltage (Ui) at AC rated value 440 V operational current 4 at 30 °C rated value 2 A 3 at 40 °C rated value 3 at 50 °C rated value 4 at 50 °C rated value 4 at 50 °C rated value 4 at 50 °C rated value 5 at 50 °C rated value 5 at 50 °C rated value 5 at 50 °C rated value 6 at 60 °C rated value 7 at AC rated value 7 at AC rated value 8 at AC rated value 9 at AC rated value 100 V 100	Model	
design of the product  Ceneral technical data number of poles  design of pole  design of pole  design of pole  2P  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  3  degree of pollution  3  voltage  insulation voltage (Ui) at AC rated value  440 V  operational current  at 30 °C rated value  2 A  at 40 °C rated value  1.9 A  at 50 °C rated value  1.9 A  at 60 °C rated value  5 A  400 V  voltage  supply voltage  at AC according to UL 489 and CSA C22.2 No. 5-02 maximum  at DC rated value maximum  by DV voltage maximum of DV voltage requency  by DV voltage maximum of DV voltage requency	product brand name	SENTRON
Ceneral technical data  number of poles design of pole 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 IEC 750 overvoltage category 3 degree of politution 3  Voltage insulation voltage (UI) at AC rated value 440 V operational current  • at 30 °C rated value • at 40 °C rated value • at 45 °C rated value • at 60 °C rated value • at 60 °C rated value • at 60 °C rated value • at AC according to UI. 489 and CSA C22.2 No. 5-02 maximum  • at DC ratemaximum • at DC ratemaximum • at DC 1-channel according to UI. 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value • at DC 2 -channel according to UI. 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value • at DC 2 -channel according to UI. 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value • at DC 2-channel according to UI. 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value • at DC 3-channel according to UI. 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value • at DC 3-channel according to UI. 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value • at DC 3-channel according to UI. 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value • at DC 3-channel according to UI. 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value  protection class  protection class	product designation	Miniature circuit breakers
design of pole 2P 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 poliution 3  **Voltage** insulation voltage (UI) at AC rated value 440 V operational current • at 30 °C rated value 2 A • at 40 °C rated value 1.9 A • at 55 °C rated value 1.9 A • at 65 °C rated value 1.8 A • at 60 °C rated value 2. A  **at 60 °C rated value 2. A  **at 60 °C rated value 2. A  **at AC rated value 3. A  **at AC rated value 3. A  **at AC according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC ratennal according to UL 489 and CSA C22.2 No. 5-02 maximum  **at DC -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 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 C	design of the product	Miniature circuit-breaker 5SJ4
design of pole 2P  tripping characteristic class C mechanical service life (operating cycles) typical 10 000 installation environment regarding EMC Sultable 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 (Ui) at AC rated value 440 V  operational current 2 A 40 °C rated value 2 A 40 °C rated value 440 °C rated	General technical data	
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  degree of pollution  Voltage  insulation voltage (Ui) at AC rated value  at 30 °C rated value  at 30 °C rated value  at 50 °C rated value  at 60 °C rated value  at AC rated value  at AC cated value  at AC cated 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  supply voltage frequency refered value  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  at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum to UL 489 and CSA C22.2	number of poles	2
mechanical service life (operating cycles) typical  installation environment regarding EMC  reference code according to DIN 40719 extended according to EC 204-2 according to IEC 750  overvoltage category  degree of pollution  3  Voltage  insulation voltage (Ui) at AC rated value  • 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 AC cacording to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC -c-hannel according to UL 489 and CSA C22.2 No. 5-02 maximum  supply voltage frequency rated value  50 Hz  Protection class  protection class IP	design of pole	2P
installation environment regarding EMC reference code according to DIN 40719 extended according to IEC 2042 according to IEC 2042 according to IEC 500  overvoltage category	tripping characteristic class	С
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 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 rated value • at AC rated value • at C cacording to UL 489 and CSA C22.2 No. 5-02 maximum • at DC rated value 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 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	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 2 A • at 40 °C rated value 1.8 A • at 50 °C rated value 1.8 A • at 60 °C rated value 2 A  • at 60 °C rated value 2 A  • at 60 °C rated value 2 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 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 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 thin the thin	installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)
degree of pollution 3  Voltage  insulation voltage (Ui) at AC rated value 440 V  operational current  • at 30 °C rated value 2 A • at 40 °C rated value 1.9 A • at 50 °C rated value 1.9 A • at 55 °C rated value 1.8 A • at 60 °C rated value 2 A  • at 60 °C rated value 2 A  • at AC rated value 2 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 rated value maximum 60 V • 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 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 the handle range		F
Voltage 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 60 °C rated value • at 60 °C rated value • at AC • at DC rated value • at AC • at DC rated value • at AC coording to UL 489 and CSA C22.2 No. 5-02 maximum • at DC rated value 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 to the handle range	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 55 °C rated value • at 60 °C rated value • at AC • at DC rated value  • 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 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	degree of pollution	3
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 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 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 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  • 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	
<ul> <li>at 30 °C rated value</li> <li>at 40 °C rated value</li> <li>at 50 °C rated value</li> <li>at 50 °C rated value</li> <li>at 50 °C rated value</li> <li>at 60 °C rated value</li> <li>at 60 °C rated value</li> <li>at AC rated value</li> <li>2 A</li> </ul> Supply voltage <ul> <li>at AC</li> <li>at AC</li> <li>at AC</li> <li>at AC</li> <li>at AC</li> <li>at DC rated value</li> <li>50/60 Hz</li> </ul> Operating voltage <ul> <li>at AC according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC rated value maximum</li> <li>at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> </ul>	insulation voltage (Ui) at AC rated value	440 V
<ul> <li>at 40 °C rated value</li> <li>at 50 °C rated value</li> <li>1.9 A</li> <li>at 55 °C rated value</li> <li>1.8 A</li> <li>at 60 °C rated value</li> <li>1.8 A</li> <li>at AC rated value</li> <li>2 A</li> </ul> Supply voltage <ul> <li>at AC</li> <li>at AC</li> <li>at DC rated value</li> <li>50/60 Hz</li> </ul> value range of the supply voltage frequency <ul> <li>operating voltage</li> <li>at AC according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC rated value maximum</li> <li>at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> </ul>	operational current	
at 50 °C rated value at 55 °C rated value 1.8 A at 60 °C rated value 2 A  Supply voltage  supply voltage  at AC at C rated value 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 rated value maximum at DC rated value 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 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 cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C2	<ul> <li>at 30 °C rated value</li> </ul>	2 A
at 55 °C rated value at 60 °C rated value at AC rated value 2 A  Supply voltage  supply voltage  at AC at DC rated value 400 V alue 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 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 maximum  at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache according to UL 489 and CSA C22.2 No. 5-02 maximum to the total cache acc	<ul> <li>at 40 °C rated value</li> </ul>	2 A
at 60 °C rated value     at AC rated value     at AC rated value     supply voltage  supply voltage     at AC     at DC rated value     at DC rated value     at DC rated value     at AC     at DC rated value     at AC     at AC     at DC rated value     at AC     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 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 thick the	<ul> <li>at 50 °C rated value</li> </ul>	1.9 A
at AC rated value  Supply voltage  aupply 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 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 Hzever to conductors, IP 40 in the handle range	<ul> <li>at 55 °C rated value</li> </ul>	1.8 A
Supply voltage  • at AC  • at DC rated value  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 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 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum  • at DC 4-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	<ul> <li>at 60 °C rated value</li> </ul>	1.8 A
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 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	<ul> <li>at AC rated value</li> </ul>	2 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 3-02 maximum  at DC 3-03 maximum  at DC 3-04 maximum  at DC 3-05 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     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
<ul> <li>at AC according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC rated value maximum</li> <li>at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>supply voltage frequency rated value</li> <li>Protection class</li> <li>protection class IP</li> <li>240 V</li> <li>240 V</li> <li>240 V</li> <li>360 V</li> <li>50 V</li> <li>50 Hz</li> <li>Protection class IP</li> <li>IP20, with connected conductors, IP 40 in the handle range</li> </ul>	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  50 Hz  Protection class  protection class IP  IP20, with connected conductors, IP 40 in the handle range	<ul> <li>at DC rated value maximum</li> </ul>	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		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
·	Protection class	
Prophing Consoits	protection class IP	IP20, with connected conductors, IP 40 in the handle range
Breaking Capacity	Breaking Capacity	

switching capacity current	
<ul> <li>according to EN 60898 rated value</li> </ul>	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	1.8 W
operating state per pole	
Main circuit	0.10
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 (li) 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 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 mm²
tightening torque with screw-type terminals maximum	3.5 N·m
position of power supply cord	Any
Mechanical Design	
height	110 mm
width	36 mm
depth	70 mm
installation depth	70 mm
number of modular width units	2
fastening method	on standard mounting rail
mounting position	any
net weight	334 g
Environmental conditions	
standard	IEC / EN 60947-2 / UL 489
vibration resistance	50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)
vibration resistance according to IEC 60068-2-6	±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
	max. 95% humidity
ambient temperature during operation	max. 0070 namary
ambient temperature during operation ambient temperature during storage	max. 35% maintally
	-40 °C
ambient temperature during storage	
ambient temperature during storage • minimum	-40 °C
ambient temperature during storage  ■ minimum  ■ maximum	-40 °C







Confirmation





**General Product Ap**proval

**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=5SJ4202-7HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4202-7HG41

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

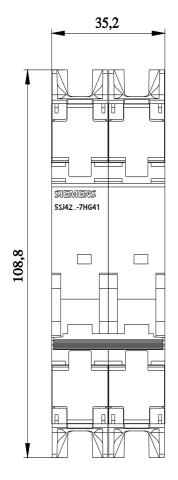
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SJ4202-7HG41

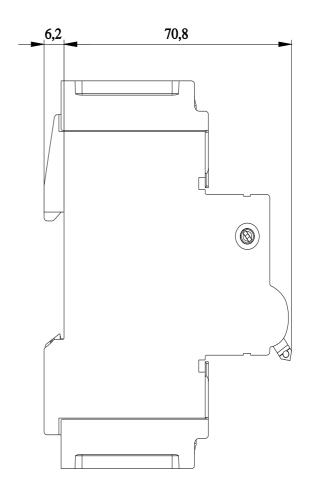
**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications





last modified:

8/22/2024

