SIEMENS

Data sheet 5SJ4214-7HG41



Miniature circuit breaker 240 V 14kA, 2-pole, C, 0.3A, D=70 mm according to UL 489 $\,$

| product brand name product designation design of the product designation of the product Miniature circuit-breakers Miniature circuit-breaker SSJ4 General technical data number of poles 2 design of pole 2P tripping characteristic class CD tripping characteristic class CD mechanical service life (operating cycles) typical Suitable for environment regarding EMC reference code according to DIN 40719 extended according to IEC 2042 according to IEC 750 overvoltage category 3 degree of poliution 3 Voltage insulation voltage (Ui) at AC rated value 440 V Supply voltage supply voltage supply voltage at AC rated value 400 V at DC rated value 400 V operating voltage 41 AC according to UL 489 and CSA C22.2 No. 5-02 maximum 41 AC in hot operating state per pole at AC according to UL 489 and CSA C22.2 No. 5-02 maximum 50 Hz DC rated value Forestatinum | Model | | | |
|--|--|--|--|--|
| design of the product 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 750 overvoltage category degree of poliution 3 Voltage insulation voltage (Ui) at AC rated value * at AC 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 rated value maximum * at DC single 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 EU 489 and CSA C22.2 No. 5-02 maximum * at DC 3-channel according to EU 489 and CSA C22.2 No. 5-02 maximum * at DC 3-channel according to EU 489 and CSA C22.2 No. 5-02 maximum * at DC 3-channel according to EU 5-channel according to EU 5-cha | product brand name | SENTRON | | |
| 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 2042 according to IEC 750 overvoltage category degree of pollution 3 Voltage supply voltage supply voltage supply voltage at AC rated value 440 V Supply voltage at AC rated value 400 V at DC rated value 50/60 Hz at DC rated value maximum 60 V at DC single channel 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 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 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 be 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 be 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 be at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to EC | product designation | Miniature circuit breakers | | |
| number of poles design of pole to design of pole tripping characteristic class C 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 3 Voltage insulation voltage (UI) at AC rated value 440 V Supply voltage supply voltage eat AC rated value 400 V | design of the product | Miniature circuit-breaker 5SJ4 | | |
| 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 750 overvoltage category degree of pollution 3 Voltage insulation voltage (UI) at AC rated value 440 V Supply voltage supply voltage • at AC rated value • at DC rated value • at DC rated value maximum • at DC rated value maximum • at DC single channel 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 schannel 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 schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC schannel according to UL 489 and CSA C32.3 No.5 No.3 No.3 No.3 No.3 No.3 No.3 No.3 No.3 | 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 supply voltage supply voltage • at AC rated value • at CC rated value • at DC rated value maximum • at DC rated value maximum • at DC single 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 C3-channel according to UL 489 and CSA C3-chan | number of poles | 2 | | |
| 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 Supply voltage supply voltage supply voltage at AC rated value 400 V at AC rated value 5060 Hz at AC 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 60 V at DC rated value maximum 60 V at DC rated value maximum 60 V at DC 22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 reaximum 50 Hz at DC 20.2 No. 5-02 maximum 50 Hz at DC 20.2 No. 5-02 maximum 50 Hz at DC 20.2 No. 5-02 maximum 50 Hz at DC 30 maximum 50 Hz by voltage frequency rated value 50 Hz by voltage frequency rated value 50 Hz by voltage channel according to UL 489 and CSA C22.2 No. 5-02 maximum 50 Hz by voltage channel according to UL 489 and CSA C22.2 No. 5-02 maximum 50 Hz by voltage frequency rated value 60 H | design of pole | 2P | | |
| 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 supply voltage supply voltage • at AC rated value • at DC rated value • 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 C32.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C32.3 No. 5-02 maximum • at DC 3-channel according to UL 489 and | tripping characteristic class | C | | |
| reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750 overvoltage category 3 3 degree of pollution 3 3 Voltage insulation voltage (Ui) at AC rated value 440 V Supply voltage supply voltage • at AC rated value 400 V • at DC rated value 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 exacording to UL 489 and CSA C22.2 No. 5-02 maximum • at DC single 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 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. | mechanical service life (operating cycles) typical | 10 000 | | |
| 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 Supply voltage supply voltage supply voltage supply voltage 400 V at AC 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 60 V at DC single 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 Switching capacity switching capacity current • according to EN 60898 rated value 10 kA • according to EN 60898 rated value 15 kA Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | 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 Supply voltage supply voltage • at AC rated value • at DC rated value • at DC rated value • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC rated value maximum • at DC single channel 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 supply voltage frequency rated value Frotection class protection class IP Switching capacity switching capacity current • according to EN 60898 rated value 10 kA • according to EN 60898 rated value 10 kA 12 W Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | | F | | |
| insulation voltage (Ui) at AC rated value 440 V Supply voltage supply voltage • at AC rated value • at DC rated value • at C cacording to UL 489 and CSA C22.2 No. 5-02 maximum • at DC rated value maximum • at DC single 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 Switching capacity switching capacity switching capacity current • according to EN 60898 rated value 10 kA • according to IEC 60947-2 rated value Tisk A Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | overvoltage category | 3 | | |
| insulation voltage (Ui) at AC rated value Supply voltage at AC rated value at C rated value at C rated value at C rated value 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 single 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 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 Switching capacity switching capacity current according to EN 60898 rated value according to IEC 60947-2 rated value 10 kA according to IEC 60947-2 rated value 15 kA Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | degree of pollution | 3 | | |
| supply voltage • at AC rated value • at DC rated value • at DC rated value • 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 single 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 Switching capacity switching capacity current • according to IEC 60947-2 rated value 10 kA • according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | Voltage | | | |
| supply voltage • at AC rated value • at DC rated value • 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 single 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 Switching capacity switching capacity switching capacity current • according to EN 60898 rated value 10 kA • according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | insulation voltage (Ui) at AC rated value | 440 V | | |
| at AC rated value at DC rated value both Crated value 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 single 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 at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value both C22.2 No. 5-02 maximum supply voltage frequency rated value according to EN 60898 rated value according to EN 60898 rated value according to EC 60947-2 rated value both C25.2 No. 5-02 maximum according to EC 60947-2 rated value according to EC 60947-2 rated value 10 kA according to EC 60947-2 rated value according to EC 60947-2 rated value 12 W according to EC 60947-2 rated value of the current at AC in hot operating state per pole Current | 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 single 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 Switching capacity switching capacity current according to EN 60898 rated value according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | 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 single 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 Switching capacity switching capacity switching capacity current • according to EN 60898 rated value • according to EN 60898 rated value power loss [W] for rated value of the current at AC in hot operating state per pole Current | at AC 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 single 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 Switching capacity switching capacity current • according to EN 60898 rated value • according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | | 60 V | | |
| at AC according to UL 489 and CSA C22.2 No. 5-02 maximum at DC rated value maximum at DC single 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 Switching capacity switching capacity current according to EN 60898 rated value 10 kA according to IEC 60947-2 rated value 11 kA Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | value range of the supply voltage frequency | 50/60 Hz | | |
| maximum • at DC rated value maximum • at DC single 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 Switching capacity switching capacity switching capacity current • according to EN 60898 rated value 10 kA • according to IEC 60947-2 rated value 15 kA Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | | | | |
| at DC single 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 Switching capacity switching capacity current according to EN 60898 rated value according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | | 240 V | | |
| 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 Switching capacity switching capacity current • according to EN 60898 rated value • according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | at DC rated value maximum | 60 V | | |
| 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 Switching capacity switching capacity current • according to EN 60898 rated value • according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | | 60 V | | |
| Protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity switching capacity current • according to EN 60898 rated value • according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | 8 | 125 V | | |
| protection class IP Switching capacity switching capacity current • according to EN 60898 rated value • according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | supply voltage frequency rated value | 50 Hz | | |
| Switching capacity switching capacity current • according to EN 60898 rated value • according to IEC 60947-2 rated value 15 kA Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | Protection class | | | |
| switching capacity current • according to EN 60898 rated value • according to IEC 60947-2 rated value 10 kA • according to IEC 60947-2 rated value 15 kA Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | protection class IP | IP20, with connected conductors, IP 40 in the handle range | | |
| according to EN 60898 rated value according to IEC 60947-2 rated value bissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current | Switching capacity | | | |
| according to IEC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current 15 kA 1.2 W | switching capacity current | | | |
| Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current 1.2 W | according to EN 60898 rated value | 10 kA | | |
| power loss [W] for rated value of the current at AC in hot operating state per pole Current 1.2 W Current | according to IEC 60947-2 rated value | 15 kA | | |
| operating state per pole Current | Dissipation | | | |
| | | 1.2 W | | |
| operational current | Current | | | |
| | operational current | | | |

| at 30 °C rated value | 0.3 A | |
|---|--|---------------------------|
| • at 40 °C rated value | 0.3 A | |
| • at 45 °C rated value | 0.29 A | |
| at 50 °C rated value | 0.28 A | |
| • at 55 °C rated value | 0.26 A | |
| • at 60 °C rated value | 0.25 A | |
| at AC rated value | 0.3 A | |
| Main circuit | | |
| type of voltage supply at AC according to UL 489 and CSA C22.2 No. 5-02 | 240 | |
| suitability for operation | Mechanical engineering / industry | |
| Product details | | |
| 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 | | |
| 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 | 0.75 | |
| • minimum | 0.75 mm ² 25 mm ² | |
| • maximum | 3.5 N·m | |
| tightening torque with screw-type terminals maximum position of power supply cord | Any | |
| Mechanical Design | Ally | |
| | 440 | |
| height | 110 mm | |
| width | 36 mm | |
| depth | 70 mm 70 mm | |
| installation depth number of modular width units | 2 | |
| fastening method | | |
| mounting position | on standard mounting rail | |
| net weight | any 339 g | |
| Environmental conditions | 3 | |
| | 50 m/o² at 25 to 150Uz and 60m/o² at 25Uz (4) | |
| vibration resistance | 50 m/s ² at 25 to 150Hz and 60m/s ² 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 | 55 °C | |
| maximum | -25 °C | |
| ambient temperature during operation | max. 95% humidity | |
| ambient temperature during operation ambient temperature during storage | max. 00% numbers | |
| minimum | -40 °C | |
| maximum | 75 °C | |
| General Product Approval | | Declaration of Conformity |
| | | |



Confirmation









Declaration of Conformity

Test Certificates

other



Miscellaneous

Special Test Certificate

Environmental Confirmations Miscellaneous

Confirmation

Further information

Information on the packaging

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

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SJ4214-7HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4214-7HG41

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4214-7HG41

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





