SIEMENS

Data sheet 5SJ4130-7HG41



Miniature circuit breaker 240 V 14kA, 1-pole, C, 30 A, D=70 mm according to UL 489

Figure similar

| product brand name product designation design of the product design of the product design of the product design of the product Inumber of poles Inumber of poles Inumber of poles Interpretational class Inumber of poles Interpretational class Interpretational class Interpretational control of pole Installation environment regarding EMC Installation environment regarding EMC Installation environment regarding EMC Installation environment regarding EMC Interpretational current Interpretational | Model | |
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| 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 20-12 according to EC 75 overvoltage category degree of pollution 3 Voltage insulation voltage (UI) at AC rated value at 40 °C rated value at 60 | product brand name | SENTRON |
| Central technical data Company | product designation | Miniature circuit breakers |
| number of poles 1 design of pole 1P tripping characteristic class C mechanical service life (operating cycles) typical 10 000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code according to IDIN 40719 extended according to IEC 2042 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 30 A • at 40 °C rated value 28.2 A • at 55 °C rated value 27.2 A • at 65 °C rated value 27.2 A • at AC rated value 30 A Supply voltage supply voltage supply voltage supply voltage • at AC • at DC rated value 60 V operating 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 Fold maximum supply voltage frequency rated value 50 Hz supply voltage frequency and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 supply voltage frequency rated value 50 Hz protection class IP | design of the product | Miniature circuit-breaker 5SJ4 |
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| 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 30 A • at 40 °C rated value 28.2 A • at 50 °C rated value 28.2 A • at 60 °C rated value 26.4 A • at 60 °C rated value 30 A • at AC rated value 30 A • at DC rated value 30 A Supply voltage • at AC rated value 30 A supply voltage • 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 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 UL 489 and CSA C22.2 No. 5-02 maximum to UL 489 and CSA C22.2 No. 5-02 maximum to UL 489 and CSA C22.2 No. 5-02 maximum to UL 489 to UL 489 and CSA C22.2 No. 5-02 maximum to UL | installation environment regarding EMC | Suitable for environment B (immunity to interference not applicable) |
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| 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 50 °C rated value • at 60 °C rated value • at 60 °C rated value • at AC rated value supply voltage supply voltage • at AC • at DC rated value • 60 ∨ 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 3-channel according to UL 489 and CSA 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 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 3-channel according to UL 489 and CSA 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 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 to the third to the | overvoltage category | 3 |
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| operational current • at 30 °C rated value • at 40 °C rated value • at 50 °C rated value • at 50 °C rated value • at 55 °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 CS carding 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 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 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 40 °C rated value at 40 °C rated value at 50 °C rated value at 55 °C rated value at 60 °C value rate value at 60 °C rated value rate valu | insulation voltage (Ui) at AC rated value | 440 V |
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| at 60 °C rated value at AC rated value 30 A Supply voltage supply voltage at AC at DC rated value operating voltage at AC according to UL 489 and CSA C22.2 No. 5-02 maximum at DC rated value maximum at DC rated value maximum at DC 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 4-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 3-channel according to UL 489 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 care according to UL 489 and CSA C22.2 No. 5-02 maximum to the total care according to UL 489 and CSA C22.2 No. 5-02 maximum to the total care according to UL 489 and CSA C22.2 No. 5-02 maximum to the total care according to UL 489 and CSA C22.2 No. 5-02 maximum to the total care according to UL 489 and CSA C22.2 No. 5-02 maximum to the total care according to UL 489 and CSA C22.2 No. 5-02 maximum to the total care according to UL 489 a | • at 50 °C rated value | 28.2 A |
| at AC rated value Supply voltage 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 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 protection class IP20, with connected conductors, IP 40 in the handle range | • at 55 °C rated value | 27.2 A |
| Supply voltage 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 1-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maxim | • at 60 °C rated value | 26.4 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 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 | at AC rated value | 30 A |
| 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 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 | |
| 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 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 50 Hz 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 | at DC rated value maximum | 60 V |
| 5-02 maximum supply voltage frequency rated value Frotection 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 | |
| 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 operating state per pole | 3.4 W |
| Main circuit | |
| type of voltage supply at AC according to UL 489 and CSA C22.2 No. 5-02 | 240 |
| suitability for operation | Infrastructure / Industry |
| Product details | |
| product 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 | |
| Connections | |
| connectable conductor cross-section finely stranded with core end processing | |
| connectable conductor cross-section finely stranded with core | 0.75 mm² |
| connectable conductor cross-section finely stranded with core end processing | 0.75 mm ² 25 mm ² |
| connectable conductor cross-section finely stranded with core end processing • minimum | |
| connectable conductor cross-section finely stranded with core end processing • minimum • maximum | 25 mm² |
| 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 |
| 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 mm ² 3.5 N·m |
| 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 | 25 mm² 3.5 N·m Any |
| 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 | 25 mm² 3.5 N·m Any 110 mm 18 mm |
| 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 mm² 3.5 N·m Any |
| 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 18 mm 70 mm |
| 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 18 mm 70 mm 1 |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail any |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail |
| 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 18 mm 70 mm 10 mm 11 on standard mounting rail any 172 g |
| connectable conductor cross-section finely stranded with core end processing Image: 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 g IEC / EN 60947-2 / UL 489 |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 g IEC / EN 60947-2 / UL 489 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 g IEC / EN 60947-2 / UL 489 |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 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 |
| connectable conductor cross-section finely stranded with core end processing imminimum 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 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 |
| connectable conductor cross-section finely stranded with core end processing iminimum 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 iminimum maximum | 25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 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 |
| connectable conductor cross-section finely stranded with core end processing imminimum 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 maximum maximum ambient temperature during operation | 25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 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 |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 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 55 °C -25 °C max. 95% humidity |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 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 55 °C -25 °C max. 95% humidity -40 °C |
| 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 | 25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 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 55 °C -25 °C max. 95% humidity |
| 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 172 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 55 °C -25 °C max. 95% humidity -40 °C |













| Test Certificates | other | Environment |
|-------------------|-------|-------------|
|-------------------|-------|-------------|

Special Test Certific-

Confirmation

Miscellaneous

Environmental Confirmations

Environmental Con-firmations

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=5SJ4130-7HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4130-7HG4

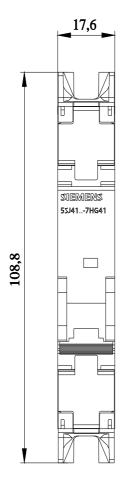
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4130-7HG41

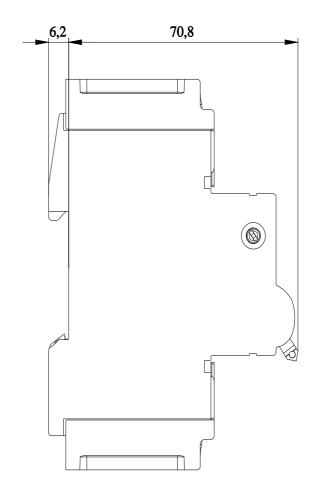
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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3/12/2024

