SIEMENS

Data sheet 5SJ4215-7HG41



Miniature circuit breaker 240 V 14kA, 2-pole, C, 1.6A, D=70 mm according to UL 489 $\,$

product brand name product designation design of the product designation design of the product Miniature circuit-breakers Miniature circuit-breaker SSJ4 General technical data number of poles design of pole 2P tripping characteristic class CD tripping characteristic class CD 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 3 3 degree of pollution 3 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 at AC rated value 60 V voperating voltage at AC according 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 single channel according 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 supply voltage frequency rated value 50 Hz Protection class P IP20, with connected conductors, IP 40 in the handle range Switching capacity switching capacity switching capacity switching capacity current according to IEC 60947-2 rated value 10 kA	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 pollution 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
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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 supply voltage frequency operating voltage of the supply voltage frequency operating voltage • at AC rated value AV Supply voltage 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 current • 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	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 supply voltage • at AC rated value • at DC rated value • at DC rated value maximum • at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC shople 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 contains of the supply voltage frequency of the supply voltage • at AC according 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 schannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC contains according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC contains according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC contains according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC contains according to UL 489 and CSA C32.2 No. 5-02 maximum • at DC rated value • according to EC 60947-2 rated value power loss [W] for rated value of the current at AC in hot operating state per pole Current	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 • at AC rated value • at DC rated value • at DC rated value maximum • at DC stagle dannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA 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-chanel according to UL 489 and CSA 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 C3-channel according to UL 489 and CSA C4-channel according to UL 489 and CSA C	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 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 • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA 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 5-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 5-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 5-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 6-00 Maximum of the total cannel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 7-channel according to UL 489 and CSA C22.2 No.5-02 maximum of the total cannel according to UL 489 and CSA C22.2 No.5-02 maximum of the total cannel according to UL 489 and CSA C22.2 No.5-02 maximum of th	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 insulation voltage (Ui) at AC rated value **Supply voltage** **supply voltage** **supply voltage** **supply voltage** **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 rated value maximum **at DC asingle channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 2-channel according to UL 489 and CSA 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 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	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 60 V voltage 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 • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No.5-02 maximum • at DC 2-channel	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 ***at AC rated value 60 V **at DC rated value 50/660 Hz operating voltage ***at AC according to UL 489 and CSA C22.2 No. 5-02 maximum ***at AC rated value maximum 60 V ***at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum 125 V **C22.2 No. 5-02 maximum 50 Hz	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 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 50 Hz Protection class protection class IP Switching capacity switching capacity current • according to EN 60898 rated value 10 kA 15 kA 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 single channel according 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 2.2 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 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 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	overvoltage category	
insulation voltage (Ui) at AC rated value Supply voltage supply voltage • at AC rated value • at DC rated value • at Cacording 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 single channel according 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 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 current • according to EN 60898 rated value • according to IEC 60947-2 rated value 10 kA • according to Trated 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 • at DC 2-channel according to UL 489 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 Protection class IP 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 11 kA 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 protection class IP Switching capacity switching capacity switching capacity current • according to EN 60898 rated value • according to EN 60898 rated value 10 kA • according to EC 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 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 Protection class protection class protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity switching capacity switching capacity current according to IEC 60947-2 rated value 10 kA according to IEC 60947-2 rated value power loss [W] for 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 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 current • according to EN 60898 rated value • 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	 at AC rated value 	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 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 15 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 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 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
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	· · · · · · · · · · · · · · · · · · ·	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 1.6 W	switching capacity current	
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current 1.6 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 1.6 W	 according to IEC 60947-2 rated value 	15 kA
operating state per pole Current	Dissipation	
		1.6 W
operational current	Current	
	operational current	

 at 30 °C rated value 	1.6 A	
 at 40 °C rated value 	1.6 A	
 at 45 °C rated value 	1.6 A	
 at 50 °C rated value 	1.5 A	
 at 55 °C rated value 	1.5 A	
 at 60 °C rated value 	1.4 A	
 at AC rated value 	1.6 A	
Main circuit		
type of voltage supply at AC according to UL 489 and	240	
CSA C22.2 No. 5-02	240	
suitability for operation	Mechanical engineering / industry	
Product details	3,	
product component • tunnel terminals top	No	
tunnel terminals top tunnel terminals bottom	No	
combined terminal top	Yes	
• combined terminal bottom	Yes	
neutral conductor switching	No	
product feature	V.	
• 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	14 kA	
according to UL 1077 and CSA C22.2 No.235		
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	
· · · · · · · · · · · · · · · · · · ·	Any	_
position of power supply cord Mechanical Design	Any 110 mm	
position of power supply cord		
position of power supply cord Mechanical Design height width	110 mm	
position of power supply cord Mechanical Design height width depth	110 mm 36 mm	
position of power supply cord Mechanical Design height width depth installation depth	110 mm 36 mm 70 mm 70 mm	
position of power supply cord Mechanical Design height width depth installation depth number of modular width units	110 mm 36 mm 70 mm 70 mm 2	
position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail	
position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any	
position of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail	
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	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g	
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 vibration resistance	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)	
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 vibration resistance vibration resistance according to IEC 60068-2-6	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g	
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 vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 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	
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 vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 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	
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 vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 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	
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 vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during operation	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 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	
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 vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during storage	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 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	
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 vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 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	
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 vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during storage	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 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	
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 vibration resistance vibration resistance according to IEC 60068-2-6 ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum	110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 332 g 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	Declaration of Conformity

Confirmation











Declaration of Conformity

Test Certificates

other



Miscellaneous

Special Test Certificate

Confirmation

Environmental Confirmations Miscellaneous

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=5SJ4215-7HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4215-7HG41

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4215-7HG41

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





