SIEMENS

Data sheet 5SJ4332-7HG41



Miniature circuit breaker 240 V 14kA, 3-pole, C, 32 A, 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 3P tripping characteristic class CD tripping characteristic class CD mechanical service life (operating cycles) typical 10 000 sinstallation environment regarding EMC 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 supply voltage at AC cated value 400 V at DC rated value 60 V value range of the supply voltage 61 AC according to UL 489 and CSA C22.2 No. 5-02 maximum 60 V at DC rated value maximum 60 V at DC rated value maximum 60 V at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum 10 C22.2 No. 5-03 maximum 10 C22.2 No. 5-03 maximum 10 C22.2 No. 5-03 maximum 10 C22.2 No. 5-04 maximum 10 C22.2 No. 5-05 maximum 10 C22.2 No.5-05 maximum 10	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 C rated value * at AC rated value * at AC rated value * at AC according to UL 489 and CSA C22.2 No. 5-02 maximum * at DC rated value maximum * at DC 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 C22.2 No. 5-02 maximum * at DC 3-channel according to EN 6089 rated value * according to EN 60898 rated value * ac	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 Voltage insulation voltage (Ui) at AC rated value 440 V Supply voltage supply voltage supply voltage at AC rated value at AC rated value at C rated value at DC rated value maximum be at DC rated value maximum be at DC rated value maximum at DC rated value maximum be at DC rated value maximum at DC rated value maximum be at DC rated value maximum at DC rated value maximum be at DC rated value maximum at DC rated value maximum be at DC rated value rated value at DC rated value rated value be according to EC 80947-2 rated value caccording to EC 80947-2 rated value according to EC 80947-2 rated value reference code according to the current at AC in hot operating state per pole current	product designation	Miniature circuit breakers
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 CD rated value **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 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC 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	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 Voltage insulation voltage (UI) at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value **at AC rated value frequency operating voltage **at AC 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 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 **supply voltage frequency rated value **at DC rated value **at DC rated value **at DC content according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC content according to UL 489 and CSA C22.2 No. 5-02 maximum **supply voltage frequency rated value **at DC rated value value **at DC rated value value **at DC rated value **at DC rated value **at DC rated value **at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC rated value value **at DC rated value **at DC rated value **at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum **at DC rated value value **at DC rated value **at DC	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 Cr ated value • at AC according to UL 489 and CSA C22.2 No. 5-02 • at AC according to UL 489 and CSA C22.2 No. 5-02 • 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 • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value • at DC 3-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value • at DC 3-03 maximum supply voltage frequency rated value • at DC 3-04 maximum supply voltage frequency rated value • at DC 3-04 maximum supply voltage frequency rated value • according to IEC 60947-2 rated value • according to IEC 60947-2 rated value • according to IEC 60947-2 rated value • 3.9 W Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current	number of poles	3
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 raced value 5060 Hz • 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 • at C conding to EMC 8088 rated value 50 Hz 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 15 kA Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current	design of pole	3P
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 DC rated value at DC rated value at DC rated value at DC rated value at DC rated value maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 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 by Dissipation 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 EC 60947-2 rated value Dissipation power loss [W] for rated value of the current at AC in hot operating state prole Current	tripping characteristic class	C
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750 overvoltage category 3 gegree of pollution 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 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 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.5 5-02 maximum • at DC 2-channel according to	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 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 T22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 Maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum supply voltage frequency rated value 50 Hz Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range 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 3 Voltage insulation voltage (UI) at AC rated value 440 V Supply voltage supply voltage • at AC rated value 60 V eat DC rated value 50/60 Hz operating voltage frequency operating voltage frequency operating voltage of the supply voltage frequency of the voltage frequency rated value 50 Hz Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range switching capacity current of the voltage frequency 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 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 • 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 IP 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	overvoltage category	3
insulation voltage (Ui) at AC rated value Supply voltage at AC rated value at C 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 C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum by oltage frequency rated value at DC 3-channel according to UL 489 and CSA C22.2 No. 5-02 maximum at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum by oltage 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 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 Frotection 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 TiskA 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 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 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 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 15 kA 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 contract C25.2 No. 5-02 maximum according to EC 60947-2 rated value according to EC 60947-2 rate	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 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	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 IP20, with connected conductors, IP 40 in the handle range IP20, with connected conductors, IP 40 in the handle range IP3, witching capacity current • according to EN 60898 rated value	 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 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	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 • 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 60 V 60 V 61 V 62 V 60 V 62 V 62 V 63 V 64 V 65 V 66 V 66 V 67 V 68 V 69 V 69 V 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 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 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 3.9 W	switching capacity current	
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current 3.9 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 3.9 W	 according to IEC 60947-2 rated value 	15 kA
operating state per pole Current	Dissipation	
		3.9 W
operational current	Current	
	operational current	

 at 30 °C rated value 	32 A
 at 40 °C rated value 	32 A
 at 45 °C rated value 	31 A
 at 50 °C rated value 	30.4 A
 at 55 °C rated value 	29.6 A
 at 60 °C rated value 	28.8 A
at AC rated value	32 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	1.00
product function note	Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in
<u>·</u>	Terminal lighterning torque for Gu, 60/73 G, 3.5MH/3 Hb.iif
Short circuit	****
short-circuit current breaking capacity (Icn) at AC according to UL 1077 and CSA C22.2 No.235	14 kA
Connections	
connectable conductor cross-section finely stranded with core end processing	
• minimum	0.75 mm²
maximum	25 mm²
tightening torque with screw-type terminals maximum	3.5 N·m
position of power supply cord	Any
Mechanical Design	
height	110 mm
width	54 mm
depth	70 mm
installation depth	70 mm
number of modular width units	3
fastening method	on standard mounting rail
mounting position	any
net weight	491 g
Environmental conditions	
vibration resistance	50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)
vibration resistance according to IEC 60068-2-6	±1 mm at 5 to 25 Hz; 50 m/s ² at 25 to 150 Hz
ambient temperature during operation	
U 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
• minimum	55 °C
	55 °C -25 °C
minimummaximum	-25 °C
minimummaximumambient temperature during operation	
 minimum maximum ambient temperature during operation ambient temperature during storage 	-25 °C max. 95% humidity
 minimum maximum ambient temperature during operation ambient temperature during storage minimum 	-25 °C max. 95% humidity
 minimum maximum ambient temperature during operation ambient temperature during storage minimum maximum 	-25 °C max. 95% humidity -40 °C 75 °C
 minimum maximum ambient temperature during operation ambient temperature during storage minimum 	-25 °C max. 95% humidity



Confirmation









Test Certificates other

<u>Miscellaneous</u> <u>Special Test Certific-</u> <u>Environmental Con-</u> <u>Miscellaneous</u>

<u>ate</u> <u>firmations</u>

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=5SJ4332-7HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4332-7HG41

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

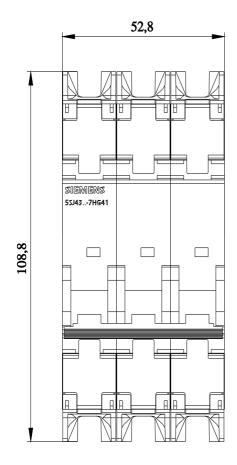
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4332-7HG41

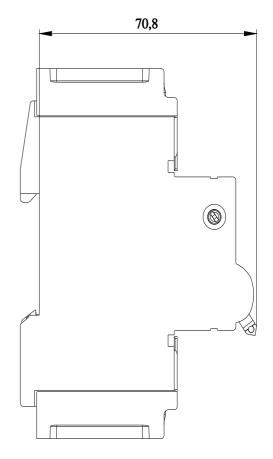
CAx-Online-Generator

http://www.siemens.com/cax

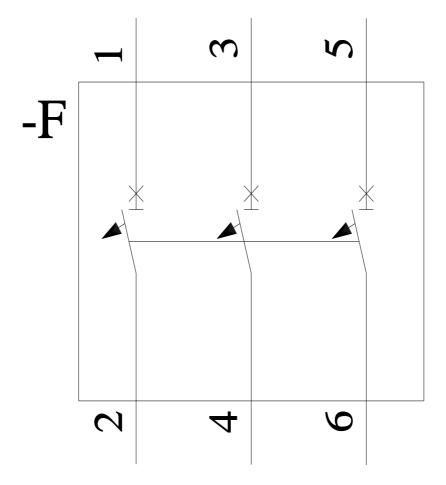
Tender specifications

http://www.siemens.com/specifications





Confirmation



♂