SIEMENS

Data sheet

5SJ4218-7HG41



Miniature circuit breaker 240 V 14kA, 2-pole, C, 15 A, D=70 mm according to UL 489 $\,$

product brand name SENTRON product designation Miniature circuit breakers design of the product Miniature circuit breaker SS.4 General technical data 1 number of poles 2 tripping characteristic class C mechanical service life (switching cycles) / typical 10 000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code / according to DIN 40719 extended 3 according to IEC 2042 / according to IEC 750 3 overvoltage category 3 type of voltage / of the operating voltage AC/DC insulation voltage (Ui) / at AC / rated value 400 V supply voltage / at AC / rated value 400 V operating voltage et AC / according to UL 489 and CSA C22.2 No.5-02 / maximum et DC / rated value / maximum 60 V et DC / charled value / maximum 60 V et DC / 2-chanel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V subply voltage frequency / rated value 50 Hz Protection class Protection class IP protection class I	Model	
design of the product Miniature circuit-breaker 5SJ4 General technical data 1 number of poles 2 tripping characteristic class C mechanical service life (switching cycles) / typical 10 000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code / according to DIN 40719 extended according to IEC 204-27 according to IEC 750 overvoltage category 3 degree of pollution 3 Voltage Voltage supply voltage / of the operating voltage AC/DC insulation voltage (Ui) / at AC / rated value 440 V Supply voltage at AC / rated value supply voltage / at AC / rated value 400 V operating voltage at CC / according to UL 489 and CSA 522 No. 5- 22 / maximum 60 V et DC / single channel / according to UL 489 and CSA 125 V c222 No. 5-02 / maximum 50 Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity current 10 kA eaccording to EC 60987 - 21 / rated value 10 kA eaccording to EC 60987 - 21 / rated value 15 kA Dissipation 19 W poperating state / per pole 10 kA	product brand name	SENTRON
General technical data number of poles 2 Iripping characteristic class C mechanical service life (switching cycles) / typical 10 000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code / according to IEC 750 F overvoltage category 3 degree of pollution 3 Voltage AC/DC insulation voltage (U) / at AC / rated value 440 V Supply voltage / at AC / rated value 440 V Supply voltage acc/rated value e at AC / according to UL 489 and CSA C22.2 No. 5- 240 V Q2 / maximum 60 V e at AC / according to UL 489 and CSA C22.2 No. 5- 240 V Q2 / raximum 60 V e at C / rated value / maximum 60 V e at C / according to UL 489 and CSA C22.2 No. 5-02 / maximum 50 Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity succording to EC 60947-2 / rated value switching capacity (current 60 VA e.according to EN 60989 / rated value 10 KA e.according to EN	product designation	Miniature circuit breakers
number of poles 2 tripping characteristic class C mechanical service life (switching cycles) / typical 10 000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 3 overvoltage category 3 degree of pollution 3 Voltage ////////////////////////////////////	design of the product	Miniature circuit-breaker 5SJ4
tripping characteristic class C mechanical service life (switching cycles) / typical 10 000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code / according to DIN 40719 extended F overvoltage category 3 degree of pollution 3 Voltage AC/DC insulation voltage (JI) / at AC / rated value 440 V Supply voltage at AC / rated value exploy voltage / at AC / rated value 400 V operating voltage at AC / rated value • at DC / rated value / maximum 60 V • at DC / single channel / according to UL 489 and CSA C22 No. 5-02 / maximum • at DC / single channel / according to UL 489 and CSA C22 No. 5-02 / maximum • at DC / single channel / according to UL 489 and CSA C22 No. 5-02 / maximum • at DC / single requency / rated value 50 Hz Protection class Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity 10 kA • according to EC 60947-2 / rated value 10 kA • according to EC 60947-2 / rated value 1	General technical data	
In Construction 10 000 Installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code / according to DIN 40719 extended Suitable for environment B (immunity to interference not applicable) reference code / according to IEC 204-2 / according to IEC 750 S overvoltage category 3 degree of pollution 3 Voltage type of voltage / of the operating voltage type of voltage / at AC / rated value 440 V Supply voltage 4 AC / rated value operating voltage 400 V at C/ according to UL 489 and CSA C22.2 No. 5-02 / maximum 60 V et at DC / rated value / maximum 60 V et at DC / acchannel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 50 Hz Protection class IP20, with connected conductors, IP 40 in the handle range Switching capacity current 10 k	number of poles	2
Installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code / according to DIN 40719 extended according to EC 204-2 / according to IEC 750 overvoltage category 3 degree of pollution 3 Votage AC/DC insulation voltage (UI) / at AC / rated value 440 V Supply voltage / at AC / rated value 440 V Supply voltage / at AC / rated value 400 V operating voltage (DI) / at AC / rated value 400 V operating voltage (DI) / at AC / rated value 400 V operating voltage (DI) / at AC / rated value 60 V e at AC / according to UL 489 and CSA C22.2 No. 5-0 / maximum 60 V e at DC / rated value / maximum 60 V e at DC / rated value / maximum 60 V e at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 50 Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity 10 kA e according to EN 60898 / rated value 10 kA e according to EN 60898 / rated value 10 kA e according to EN 60894 / zet rated value 10 kA	tripping characteristic class	С
reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 F overvoltage category 3 degree of pollution 3 Voltage AC/DC insulation voltage / of the operating voltage AC/DC insulation voltage / of the operating voltage AC/DC isupply voltage 440 V Supply voltage 4C/DC operating voltage 400 V operating voltage 60 V c.at BC / rated value / maximum 60 V c.at BC / single channel / according to UL 489 and CSA c.22.2 No. 5-02 / maximum 125 V supply voltage frequency / rated value 50 Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range </td <td>mechanical service life (switching cycles) / typical</td> <td>10 000</td>	mechanical service life (switching cycles) / typical	10 000
according to IEC 204-2 / according to IEC 750 3 overvoltage category 3 degree of pollution 3 Voltage 400 V supply voltage / at AC / rated value 440 V Supply voltage / at AC / rated value 400 V operating voltage 400 V • at AC / according to UL 489 and CSA C22.2 No. 5- 240 V 02 / 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 • 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 • according to IL according to UL 489 and CSA C22.2 No. 5-02 / maximum • according to EX eventer 125 V • according to EX eventer 125 V • according to EX eventer 10 kA • according to EX eventer 10 kA • according to EX eventer 10 kA • according to EX eventer	installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)
degree of pollution 3 Voltage AC/DC insulation voltage / of the operating voltage AC/DC insulation voltage (U) / at AC / rated value 440 V Supply voltage 440 V supply voltage 400 V operating voltage 400 V • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum 240 V • at DC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum 60 V • at DC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum 60 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 60 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V supply voltage frequency / rated value 50 Hz Protection class IP20, with connected conductors, IP 40 in the handle range Switching capacity current • according to EC 60947-2 / rated value 10 kA • according to EC 60947-2 / rated value 15 kA 1.9 W Dissipation 1.9 W 15 A	0	F
Voltage AC/DC insulation voltage (Ui) / at AC / rated value 440 V Supply voltage 440 V supply voltage / at AC / rated value 400 V operating voltage 400 V • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum 240 V • at DC / rated value / 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 125 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 50 Hz Protection class IP20, with connected conductors, IP 40 in the handle range Switching capacity current 10 kA • according to EN 60898 / rated value 10 kA • according to EN 60894 / rated value 10 kA • according to EN 60894 / rated value 10 kA • according to IEC 60947-2 / rated value 1.9 W power loss [M] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W Operational current • at 30 °C / rated value 15 A	overvoltage category	3
type of voltage / of the operating voltage AC/DC insulation voltage (Ui) / at AC / rated value 440 V Supply voltage 440 V supply voltage 400 V operating voltage 400 V • at AC / rated value 400 V 0perating voltage 400 V • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum 240 V • at DC / rated value / maximum 60 V • at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 60 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V supply voltage frequency / rated value 50 Hz Protection class IP20, with connected conductors, IP 40 in the handle range Switching capacity current 10 kA • according to EN 60898 / rated value 10 kA • according to EC 60947-2 / rated value 10 kA • according to EC 60947-2 / rated value 1.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W current • at 30 °C / rated value 15 A	degree of pollution	3
insulation voltage (Ui) / at AC / rated value 440 V Supply voltage supply voltage / at AC / rated value 400 V operating voltage • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum 240 V • at DC / rated value / maximum 60 V 60 V • at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 60 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V supply voltage frequency / rated value 50 Hz Protection class IP IP20, with connected conductors, IP 40 in the handle range switching capacity current 10 kA • according to IEC 60947-2 / rated value 10 kA • according to IEC 60947-2 / rated value 1.9 W current 0 • at 30 °C / rated value 15 A	Voltage	
Supply voltage 400 V operating voltage 400 V • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum 240 V • at DC / rated value / maximum 60 V • at DC / rated value / maximum 60 V • at DC / rated value / maximum 60 V • at DC / channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 60 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 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 • according to IEC 60947-2 / rated value 10 kA • according to IEC 60947-2 / rated value 1.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W current • at 30 °C / rated value 15 A	type of voltage / of the operating voltage	AC/DC
supply voltage / at AC / rated value 400 V operating voltage e at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum 240 V e at DC / rated value / maximum 60 V e at DC / rated value / maximum 60 V e at DC / zenanel / according to UL 489 and CSA 60 V CSA C22.2 No. 5-02 / maximum 60 V e at DC / 2-channel / according to UL 489 and CSA 125 V C22.2 No. 5-02 / maximum 50 Hz Protection class Forection class IP protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity switching capacity current e according to EN 60898 / rated value 10 kA e according to IEC 60947-2 / rated value 15 kA Dissipation 1.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W current e at 30 °C / rated value 15 A	insulation voltage (Ui) / at AC / rated value	440 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 at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum bt C / 2-channel / according to UL 489 and CSA Protection class IP IP20, with connected conductors, IP 40 in the handle range bt AC / according to EN 60898 / rated value to KA according to IEC 60947-2 / rated value to KA according to IEC content / at AC / in hot operating state / per pole to W to SA at 30 °C / rated value to	Supply 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 EN 60898 / rated value to KA according to IEC 60947-2 / rated value to KA power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current at 30 °C / rated value to X 	supply voltage / at AC / rated value	400 V
02 / maximum 60 V • at DC / rated value / maximum 60 V • at DC / single channel / according to UL 489 and CSA CSA C22.2 No. 5-02 / maximum 60 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 50 Hz supply voltage frequency / rated value 50 Hz 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 10 kA • according to IEC 60947-2 / rated value 11.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W current • at 30 °C / rated value 15 A	operating voltage	
• at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 60 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V supply voltage frequency / rated value 50 Hz Protection class 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 1.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W current • at 30 °C / rated value 15 A	5	240 V
CSA C22.2 No. 5-02 / maximum 125 V • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V supply voltage frequency / rated value 50 Hz Protection class 122.0 No. 5-02 / maximum protection class 125 V protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity 10 kA • according to EN 60898 / rated value 10 kA • according to IEC 60947-2 / rated value 15 kA Dissipation 1.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W Current • at 30 °C / rated value 15 A	 at DC / rated value / maximum 	60 V
C22.2 No. 5-02 / maximum 50 Hz supply voltage frequency / rated value 50 Hz Protection class IP20, with connected conductors, IP 40 in the handle range Switching capacity IP20, with connected conductors, IP 40 in the handle range 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 1.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W operational current • at 30 °C / rated value 15 A		60 V
Protection class IP20, with connected conductors, IP 40 in the handle range Switching capacity 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 1.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W Current • at 30 °C / rated value 15 A		125 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 10 kA • according to IEC 60947-2 / rated value 15 kA Dissipation 1.9 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.9 W Current • at 30 °C / rated value 15 A	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 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 operational current • at 30 °C / rated value 15 A	Protection class	
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 1.9 W Current operational current • at 30 °C / rated value 15 A	protection class IP	IP20, with connected conductors, IP 40 in the handle range
e according to EN 60898 / rated value 10 kA e 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 operational current e at 30 °C / rated value 15 A	Switching capacity	
e 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 operational current e at 30 °C / rated value 15 A	switching capacity current	
Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current • at 30 °C / rated value 15 A	 according to EN 60898 / rated value 	10 kA
power loss [W] / for rated value of the current / at AC / in 1.9 W hot operating state / per pole 1.9 W Current operational current • at 30 °C / rated value 15 A	 according to IEC 60947-2 / rated value 	15 kA
hot operating state / per pole Current operational current • at 30 °C / rated value 15 A	Dissipation	
operational current • at 30 °C / rated value 15 A		1.9 W
• at 30 °C / rated value 15 A	Current	
	operational current	
• at 40 °C / rated value 15 A	 at 30 °C / rated value 	15 A
	• at 40 °C / rated value	15 A

• at 45 °C / rated value	14.6 A
• at 50 °C / rated value	14.1 A
• at 55 °C / rated value	13.6 A
• at 60 °C / rated value	13.2 A
at AC / rated value	15 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 / neutral conductor switching	No
product feature / touch protection	Yes
product component	
 tunnel terminals top 	No
 tunnel terminals bottom 	No
 combined terminal top 	Yes
 combined terminal bottom 	Yes
product feature	
halogen-free	Yes
• sealable	Yes
silicon-free	Yes
product extension / installable / supplementary devices	Yes
Product function	
product function / note	Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in
Short circuit	
breaking capacity short-circuit current (Icn) / at AC / according to UL 1077 and CSA C22.2 No.235	14 kA
Connections	
connectable conductor cross-section / finely stranded /	
connectable conductor cross-section / finely stranded / with core end processing	
	0.75 mm²
with core end processing	0.75 mm² 25 mm²
with core end processingminimum	
with core end processingminimummaximum	25 mm ²
with core end processing minimum maximum tightening torque / with screw-type terminals / maximum	25 mm ² 3.5 N·m
with core end processing minimum maximum tightening torque / with screw-type terminals / maximum position / of power supply cord	25 mm ² 3.5 N·m
with core end processing	25 mm² 3.5 N·m Any
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 110 mm
with core end processing minimum maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width 	25 mm ² 3.5 N·m Any 110 mm 36 mm
with core end processing minimum maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width depth 	25 mm ² 3.5 N·m Any 110 mm 36 mm 70 mm
 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 mm ² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm
 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 36 mm 70 mm 70 mm 2
 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 mm ² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail
 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 36 mm 70 mm 70 mm 2 on standard mounting rail any
 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 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any
 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 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g
 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 vibration resistance 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g
 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 vibration resistance ambient temperature / during operation 	25 mm ² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s ² at 25 to 150Hz and 60m/s ² at 35Hz (4sec)
 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 vibration resistance ambient temperature / during operation minimum 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C
 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 wibration resistance ambient temperature / during operation maximum 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C
 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 vibration resistance ambient temperature / during operation maximum ambient temperature / during storage 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C
 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 vibration resistance ambient temperature / during operation minimum maximum 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C
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 vibration resistance ambient temperature / during operation minimum maximum 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C
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 vibration resistance ambient temperature / during operation minimum maximum ambient temperature / during storage minimum maximum Certificates	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C
 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 vibration resistance ambient temperature / during operation minimum maximum ambient temperature / during storage minimum maximum Certificates reference code	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C 75 °C
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 vibration resistance ambient temperature / during operation minimum maximum ambient temperature / during storage minimum maximum Certificates reference code according to EN 61346-2 	25 mm² 3.5 N·m Any 110 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 325 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C 75 °C F





EHC



UK CA

Test Certificates

Miscellaneous

Special Test Certific- Miscellaneous ate

other

Further information

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=5SJ4218-7HG41	
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.sjemens.com/cs/ww/en/ps/5SJ4218-7HG41	
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams,) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4218-7HG41	
CAx-Online-Generator http://www.siemens.com/cax	
Tender specifications http://www.siemens.com/specifications	