SIEMENS

Data sheet

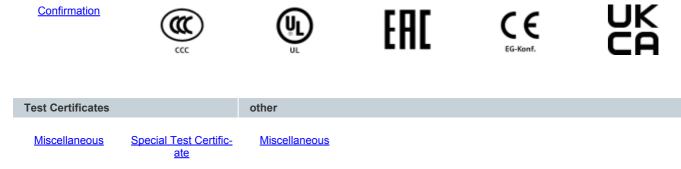
5SJ4130-8HG41



Miniature circuit breaker 240 V 10kA, 1-pole, D, 30 A, D=70 mm according to UL 489 $\,$

product brand name SENTRON product designation Miniature circuit breakers design of the product Miniature circuit breaker 5SJ4 Ceneral technical data 1 number of poles 1 titpping characteristic class D 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 oerce of pollution 3 Voltage Voltage 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 (UI) / at AC / rated value 240 V c2 / maximum 60 V e at CC / zhead value / maximum 60 V e at CC / zhead value / maximum 60 V e at CC / zhead value / maximum 60 V e at CC / zhead value / maximum 60 V e at CC / zheanel / according to UL 489 and CSA 125 V	Model	
design of the product Miniature circuit-breaker 5SJ4 General technical data 1 number of poles 1 thipping characteristic class D 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 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 (J of the operating voltage 400 V supply voltage / at AC / rated value 400 V operating voltage at AC / rated value • at DC / single channel / according to UL 489 and CSA C22 No. 5-02 / maximum 60 V • at 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 according to L 60089	product brand name	SENTRON
General technical data number of poles 1 Itipping characteristic class D 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 DIN 40719 extended according to EC 204-2 / according to IEC 750 3 overvoltage category 3 degree of pollution 3 Voltage Moltage (UI) / at AC / rated value supply voltage (UI) / at AC / rated value 440 V Supply voltage (UI) / at AC / rated value 400 V operating voltage according to UL 489 and CSA C22 No. 5- 2 / maximum 60 V e at DC / single channel / according to UL 489 and CSA 125 V C222 No. 5-02 / maximum 60 V e at 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 according to EK 60894 / rated value e according to EK 60898 / rated value 10 kA e accor	product designation	Miniature circuit breakers
number of poles 1 tripping characteristic class D mechanical service life (switching cycles) / typical 0.000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code / according to DIN 40719 extended F according to IEC 204-2 / according to IEC 750 3 overvoitage category 3 degree of pollution 3 Voltage (b) voltage / at AC / rated value supply voltage / at AC / rated value 400 V Supply voltage / at AC / rated value 400 V Supply voltage / at AC / rated value 400 V • at DC / rated value / maximum 60 V • at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 240 V • at DC / single channel / according to UL 489 and CSA 125 V C22.2 No. 5-02 / maximum 50 Hz protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity current • according to IEC 60947-2 / rated value 10 kA • according to IEC 60947-2 / rated value 10 kA 3.2 W Dissipation	design of the product	Miniature circuit-breaker 5SJ4
tripping characteristic class D 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 400 V operating voltage at AC / rated value • at DC / according to UL 489 and CSA C22.2 No. 5-02 / maximum 240 V • at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 240 V • at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 240 V • at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V • at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum 125 V • at DC / single requency / rated value 50 Hz Protection class P protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity 10 kA	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 3 according to IEC 204-2 / according to IEC 750 3 overvoltage category 3 degree of pollution 3 Voltage 440 V supply voltage / at AC / rated value 440 V supply voltage / at AC / rated value 400 V operating voltage 420 V • at AC / according to UL 489 and CSA C22.2 No. 5- 240 V 0 C / rated value / maximum 60 V • at DC / rated value / maximum 60 V • at DC / rated value / maximum 50 Hz • at DC / action of a DU L 489 and CSA C22.2 No. 5-02 / maximum 125 V • at DC / action of a DU L 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 IEC 60947-2 / rated value 10 kA • according to IEC 60947-2 / rated value 10 kA • according to IEC 60947-2 / rated value 10 kA • according to IEC 60947-2 / rat	number of poles	1
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 400 V operating voltage (III) / at AC / rated value 400 V operating voltage / at AC / rated value 400 V operating voltage (III) / at AC / rated value 400 V operating voltage / at AC / rated value 60 V operating voltage (III) / at AC / rated value 60 V operating voltage / at AC / according to UL 489 and CSA C22.2 No. 5-0 / maximum 61 V • at DC / rated value / maximum 60 V • at DC / rated value / 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 EN 60898 / rated value 10 kA • according to EN 60898 / rated value 10 kA • according to EC 60947-2 / r	tripping characteristic class	D
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 e at DC / rated value / maximum 60 V e at DC / schannel / according to UL 489 and CSA 125 V 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	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 AC/DC Insulation voltage / of the operating voltage AC/DC Insulation voltage / at AC / rated value 440 V Supply voltage 400 V operating voltage 60 V cSA C22.2 No. 5-02 / maximum 60 V 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 400 KA <td>installation environment regarding EMC</td> <td>Suitable for environment B (immunity to interference not applicable)</td>	installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)
degree of pollution 3 Voltage AC/DC insulation voltage (Ui) / at AC / rated value 440 V Supply voltage supply voltage supply voltage / at AC / rated value 400 V operating voltage 60 V c22 2 No. 5-02 / maximum 60 V 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 10 kA • according to IEC 60947-2 / rated value 10 kA 32 W		F
Voltage AC/DC insulation voltage (Ui) / at AC / rated value 440 V Supply voltage 400 V operating voltage frage 60 V e at DC / single channel / 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 IP IP20, with connected conductors, IP 40 in the handle range Switching capacity current 10 kA e according to EN 60898 / rated value 10 kA e according to EC 6947-2 / rated value 15 kA Dissipation 3.2 W operational current at 30 °C / rated value </td <td>overvoltage category</td> <td>3</td>	overvoltage category	3
type of voltage / of the operating voltage AC/DC insulation voltage (Ui) / at AC / rated value 440 V Supply voltage 400 V operating voltage 400 V • at AC / rated value 400 V operating voltage 400 V • at AC / rated value 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 EC 60947-2 / rated value 10 kA • according to EC 60947-2 / rated value 10 kA • according to EC 60947-2 / rated value 3.2 W power loss [M] / for rated value of the current / at AC / in hot operating state / per pole 30 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 • 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 IP IP20, with connected conductors, IP 40 in the handle range switching capacity current • according to EN 60898 / rated value 10 kA • according to EC 60947-2 / rated value 10 kA 3.2 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W current • at 30 °C / rated value 30 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 / zehannel / 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 switching capacity current • according to IEC 60947-2 / rated value 10 kA • according to IEC 60947-2 / rated value 15 kA Dissipation 3.2 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W	type of voltage / of the operating voltage	AC/DC
supply voltage / at AC / rated value 400 V operating voltage 400 V operating voltage eat 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 / single channel / according to UL 489 and CSA 22.2 No. 5-02 / maximum e at DC / 2-channel / according to UL 489 and CSA 125 V 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 e according to EN 60898 / rated value 10 kA e according to IEC 60947-2 / rated value 15 kA Dissipation 3.2 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W current at 30 °C / rated value 30 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 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 H2 protection class protection class IP protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity current	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 berrating state / per pole Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current at 30 °C / rated value	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 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 10 kA • according to IEC 60947-2 / rated value 3.2 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W	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 3.2 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W current • at 30 °C / rated value 30 A	8	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 protection class IP 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 3.2 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W Current at 30 °C / rated value 30 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 EN 60898 / rated value 10 kA • according to IEC 60947-2 / rated value 15 kA Dissipation 3.2 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W Current • at 30 °C / rated value 30 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 grower loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current • at 30 °C / rated value 30 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 state power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W Current according current • at 30 °C / rated value 30 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 30 A	Protection class	
switching capacity current according to EN 60898 / rated value 10 kA • according to IEC 60947-2 / rated value 15 kA Dissipation 5 kA power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W Current operational current • at 30 °C / rated value 30 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 30 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 30 A	switching capacity current	
Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.2 W Current operational current at 30 °C / rated value 30 A 	 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 3.2 W Current Operational current • at 30 °C / rated value 30 A	 according to IEC 60947-2 / rated value 	15 kA
hot operating state / per pole Current operational current o at 30 °C / rated value 30 A	Dissipation	
operational current • at 30 °C / rated value 30 A		3.2 W
• at 30 °C / rated value 30 A	Current	
	operational current	
• at 40 °C / rated value 30 A	• at 30 °C / rated value	30 A
	• at 40 °C / rated value	30 A

a at 45 °C / rated value	20.4.4
• at 45 °C / rated value	29.1 A
• at 50 °C / rated value	28.2 A
• at 55 °C / rated value	27.2 A
• at 60 °C / rated value	26.4 A
at AC / rated value	30 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	10 kA
Connections	
Connections	
connectable conductor cross-section / finely stranded /	
	0.75 mm²
connectable conductor cross-section / finely stranded / with core end processing	0.75 mm² 25 mm²
connectable conductor cross-section / finely stranded / with core end processing	25 mm ²
connectable conductor cross-section / finely stranded / with core end processing	25 mm² 3.5 N·m
connectable conductor cross-section / finely stranded / with core end processing	25 mm ²
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design	25 mm² 3.5 N·m Any
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height	25 mm² 3.5 N·m Any 110 mm
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width	25 mm ² 3.5 N·m Any 110 mm 18 mm
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width depth	25 mm ² 3.5 N·m Any 110 mm 18 mm 70 mm
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width depth installation depth	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width depth installation depth number of modular width units	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 1 on standard mounting rail
connectable conductor cross-section / finely stranded / with core end processing	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 1 on standard mounting rail any
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 1 on standard mounting rail
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u>	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 on standard mounting rail any 176 g
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions vibration resistance	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 1 on standard mounting rail any
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord Mechanical Design height width depth installation depth number of modular width units fastening method mounting position net weight Environmental conditions vibration resistance ambient temperature / during operation	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> vibration resistance ambient temperature / during operation • minimum	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> vibration resistance ambient temperature / during operation • minimum • maximum	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> vibration resistance ambient temperature / during operation • minimum • maximum ambient temperature / during storage	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> vibration resistance ambient temperature / during operation • minimum • maximum ambient temperature / during storage • minimum	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> vibration resistance ambient temperature / during operation • minimum • maximum ambient temperature / during storage • minimum • maximum	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> vibration resistance ambient temperature / during operation • minimum • maximum ambient temperature / during storage • minimum • maximum	25 mm² 3.5 N·m Any 110 mm 18 mm 70 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C 75 °C
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C 75 °C F
connectable conductor cross-section / finely stranded / with core end processing • minimum • maximum tightening torque / with screw-type terminals / maximum position / of power supply cord <u>Mechanical Design</u> height width depth installation depth number of modular width units fastening method mounting position net weight <u>Environmental conditions</u> 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 18 mm 70 mm 70 mm 1 on standard mounting rail any 176 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C 75 °C



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=5SJ4130-8HG41 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SJ4130-8HG41 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4130-8HG41 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications

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