SIEMENS

Data sheet

5TJ4406-7



SINOVA, Miniature Circuit Breaker 415V 10kA, 4-pole C, 6 A

product brand name SINOVA Central technical data	Model	
number of poles 4 design of pole 4P tripping characteristic class C overvoltage category III degree of pollution 2 operational current at AC rated value 6A Supply voltage 50/60 Hz value range of the supply voltage frequency 50/60 Hz value range of the supply voltage at AC 240/415 V protection class IP IP20, with connected conductors switching capacity current 10 kA • according to EN 60398 rated value 10 kA power loss IW 1 • for rated value of the current at AC in hot operating state per pole 1 W • maximum 5 W product feature silicon-free Yes product extension installable supplementary devices No connectable conductor cross-section solid 1 mm² • maximum 3 mm² connectable conductor cross-section stranded 1 mm² • minimum 2 Nrm • minimum 2 Nrm • minimum 2 Nrm • minimum 2 Nrm	product brand name	SINOVA
design of pole 4P tripping characteristic class C overvoltage category III degree of pollution 2 operational current at AC rated value 6 A Supply voltage 50/60 Hz value range of the supply voltage frequency 50/60 Hz value range of the supply voltage at AC 240/415 V protection class IP IP20, with connected conductors switching capacity current 10 kA • according to EN 60898 rated value 10 kA power loss [W] 10 w • for rated value of the current at AC in hot operating state per pole 1 W product feature silicon-free Yes product extension installable supplementary devices No connectable conductor cross-section solid 1 mm² • maximum 35 mm³ connectable conductor cross-section solid • minimum • minimum 1 mm² • maximum 35 mm³ conductor cross-section stranded • minimum • minimum 2 Nm • minimum 1 Mr • minimum 2 Nm • minim	General technical data	
tripping characteristic class C overvoltage category III degree of pollution 2 operational current at AC rated value 6 A Supply voltage 50/60 Hz value range of the supply voltage frequency 50/60 Hz value range of the supply voltage at AC 240/415 V protection class IP IP20, with connected conductors switching capacity current 10 kA • according to EN 60898 rated value 10 kA power loss [W] • (rated value of the current at AC In hot operating state per pole • maximum 5 W product feature silicon-free Yes product feature silicon-free Yes onnectable conductor cross-section solid 1 mm² • maximum 35 mm² connectable conductor cross-section stranded • minimum • minimum 1 mm² • maximum 2 N m • maximum 2 N m • maximum 2 N m • minimum 1 mm² • maximum 2 N m • maximum 2 N m • minimum 1 mm² • max	number of poles	4
overvoltage category III degree of pollution 2 operational current at AC rated value 6 A Supply voltage 50/60 Hz value range of the supply voltage frequency 50/60 Hz value range of the supply voltage at AC 240/415 V protection class IP IP20, with connected conductors switching capacity current 10 kA • according to EN 60898 rated value 10 kA power loss [W] 1 W • or rated value of the current at AC in hot operating state per pole Yes product feature silicon-free Yes product extension installable supplementary devices No connectable conductor cross-section solid 1 mm² • maximum 1 mm² • maximum 35 mm² connectable conductor cross-section stranded 1 mm² • minimum 1 mm² • maximum 2 N-m • minimum 2 N-m • minimum 2 N-m • maximum 2 N-m • maximum 2 N-m • maximum 2 N-m	design of pole	4P
degree of pollution 2 operational current at AC rated value 6 A Supply voltage 50/60 Hz value range of the supply voltage frequency 50/60 Hz value range of the supply voltage at AC 240/415 V protection class IP IP20, with connected conductors switching capacity current 0 kA e.according to EN 60898 rated value 10 kA power loss [W] 1 W e.for rated value of the current at AC in hot operating state per pole 1 W e.maximum 5 W product feature silicon-free Yes product feature silicon-free No connectable conductor cross-section solid 1 mm² e.maximum 35 mm² connectable conductor cross-section stranded eminimum e.minimum 1 mm² e.maximum 35 mm² tightening torque with screw-type terminals 6 ma e.minimum 2 N·m e.maximum 2 N·m beight 64 mm inistaliation depth 76 mm instaliation depth 70 mm number of modular width units 4	tripping characteristic class	С
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value range of the supply voltage at AC 240/415 V protection class IP IP20, with connected conductors switching capacity current 10 kA • 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 • maximum 5 W product feature silicon-free Yes product extension installable supplementary devices No connectable conductor cross-section solid 1 mm² • maximum 35 mm³ connectable conductor cross-section standed • minimum • minimum 1 mm² • maximum 35 mm³ connectable conductor cross-section standed • minimum • minimum 1 mm² • maximum 2 N-m • maximum 2 N-m • maximum 2 N-m • minimum 2 N-m • maximum 2 N-m • maximum 2 N-m • maximum 2 N-m • minimum 1 mm² • minimum 2 N-m • minimum 2 N-m • opower supply cord Any <th colspan="2">Supply voltage</th>	Supply voltage	
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• minimum1 mm²• maximum35 mm²connectable conductor cross-section stranded• minimum1 mm²• maximum35 mm²• maximum2 N·m• maximum84 mm• maximum72 mm• depth76 mm• installation depth70 mm• number of modular width units4• fastening methodDIN rail• mounting positionany• net weight400 g	product extension installable supplementary devices	No
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connectable conductor cross-section stranded• minimum1 mm²• maximum35 mm²tightening torque with screw-type terminals• minimum2 N·m• maximum2 N·mposition of power supply cordAnyheight84 mmwidth72 mmdepth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionanynet weight400 g	• minimum	1 mm ²
• minimum1 mm²• maximum35 mm²tightening torque with screw-type terminals.• minimum2 N·m• maximum2 N·mposition of power supply cordAnyheight84 mmwidth72 mmdepth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionanynet weight400 g	• maximum	35 mm²
• maximum35 mm²tightening torque with screw-type terminals• minimum2 N·m• maximum2 N·mposition of power supply cordAnyheight84 mmwidth72 mmdepth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionanynet weight400 g	connectable conductor cross-section stranded	
tightening torque with screw-type terminals• minimum2 N·m• maximum2 N·mposition of power supply cordAnyheight84 mmwidth72 mmdepth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionany400 g	• minimum	1 mm ²
• minimum2 N·m• maximum2 N·mposition of power supply cordAnyheight84 mmwidth72 mmdepth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionanynet weight400 g	• maximum	35 mm²
• maximum2 N·mposition of power supply cordAnyheight84 mmwidth72 mmdepth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionanynet weight400 g	tightening torque with screw-type terminals	
position of power supply cordAnyheight84 mmwidth72 mmdepth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionanynet weight400 g	• minimum	2 N·m
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width72 mmdepth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionanynet weight400 g	position of power supply cord	Any
depth76 mminstallation depth70 mmnumber of modular width units4fastening methodDIN railmounting positionanynet weight400 g	height	84 mm
installation depth 70 mm number of modular width units 4 fastening method DIN rail mounting position any net weight 400 g	width	72 mm
number of modular width units 4 fastening method DIN rail mounting position any net weight 400 g	depth	76 mm
fastening method DIN rail mounting position any net weight 400 g	installation depth	70 mm
mounting position any net weight 400 g	number of modular width units	4
net weight 400 g	fastening method	DIN rail
	mounting position	any
ambient temperature during operation	net weight	400 g
	ambient temperature during operation	

• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-40 °C
• maximum	75 °C
reference code according to IEC 81346-2	F
Eurther information	

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=5TJ4406-7

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

https://support.industry.siemens.com/cs/ww/en/ps/5TJ4406-7

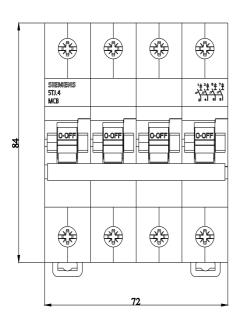
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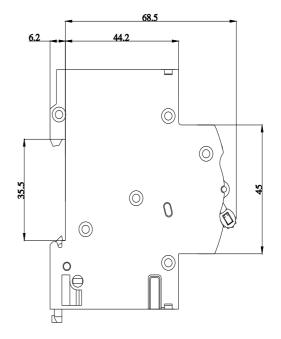
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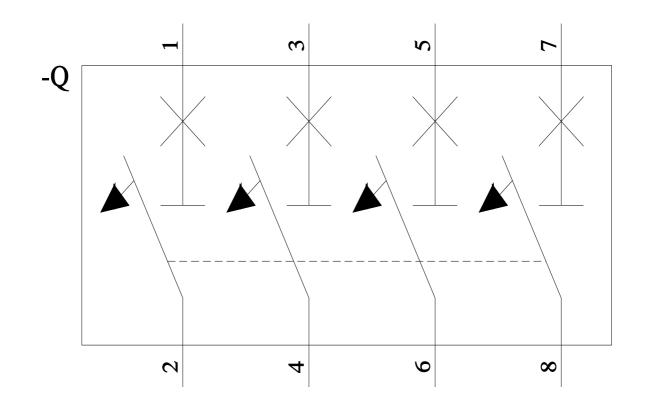
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Tender specifications

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