



SINOVA, Miniature Circuit Breaker 415V 6kA, 2-pole C, 50 A

General technical data	
number of poles	2
design of pole	2P
tripping characteristic class	C
overvoltage category	III
degree of pollution	2
Supply voltage	
supply voltage at AC rated value	415 V
protection class IP	IP20, with connected conductors
switching capacity current	
• according to EN 60898 rated value	6 kA
power loss [W]	
• for rated value of the current at AC in hot operating state per pole	5.1 W
• maximum	10.2 W
product feature silicon-free	Yes
product extension installable supplementary devices	No
connectable conductor cross-section solid	
• minimum	1 mm ²
• maximum	35 mm ²
connectable conductor cross-section stranded	
• minimum	1 mm ²
• maximum	35 mm ²
tightening torque with screw-type terminals	
• minimum	2 N·m
• maximum	2 N·m
position of power supply cord	Any
height	84 mm
width	36 mm
depth	76 mm
installation depth	70 mm
number of modular width units	2
fastening method	DIN rail
mounting position	any
net weight	224 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 EN 61346-2
- according to IEC 81346-2

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Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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?mifb=5TJ6250-7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TJ6250-7>

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

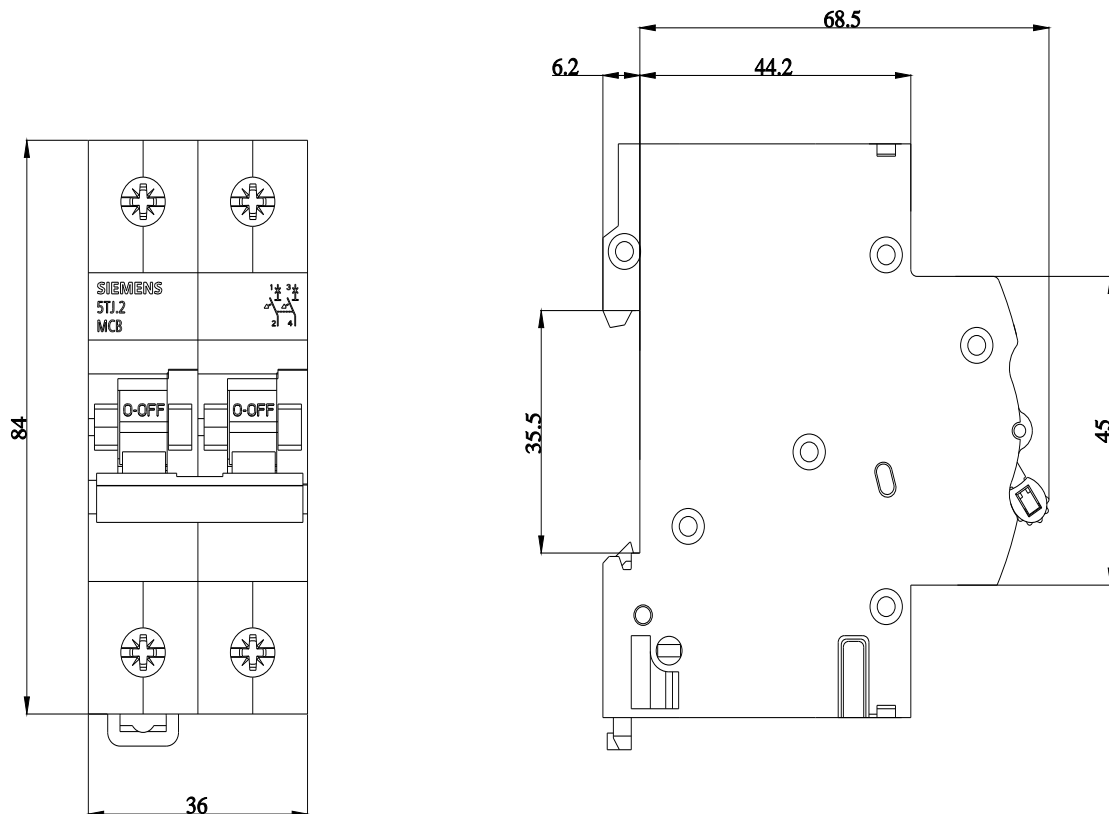
http://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=5TJ6250-7

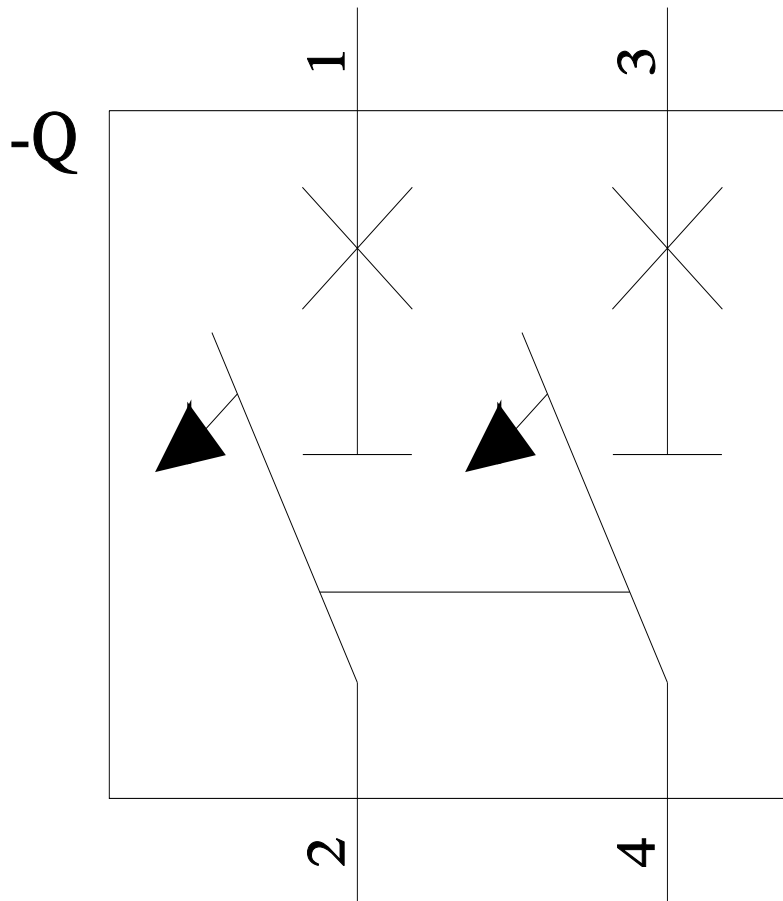
CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>





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