



SINOVA, Miniature Circuit Breaker 415V 10kA, 4-pole C, 50 A

Model	
product brand name	SINOVA
General technical data	
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	50 A
Supply voltage	
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	
• 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	5 W
• maximum	20 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	72 mm
depth	76 mm
installation depth	70 mm
number of modular width units	4
fastening method	DIN rail
mounting position	any
net weight	440 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
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=5TJ4450-7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TJ4450-7>

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

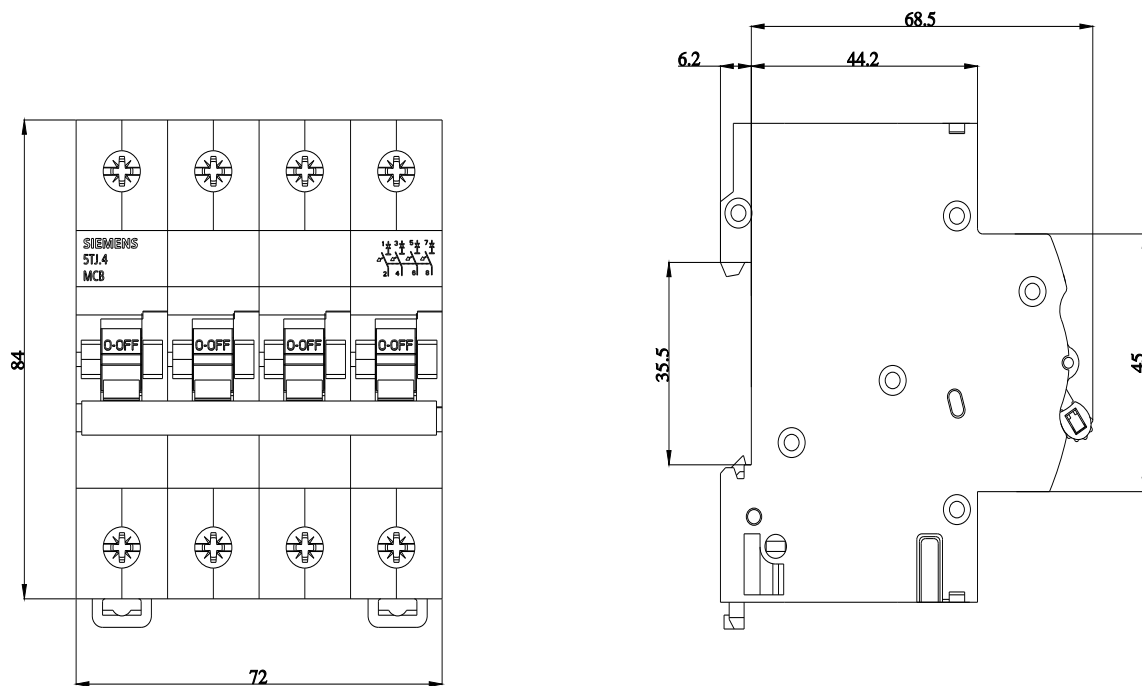
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TJ4450-7

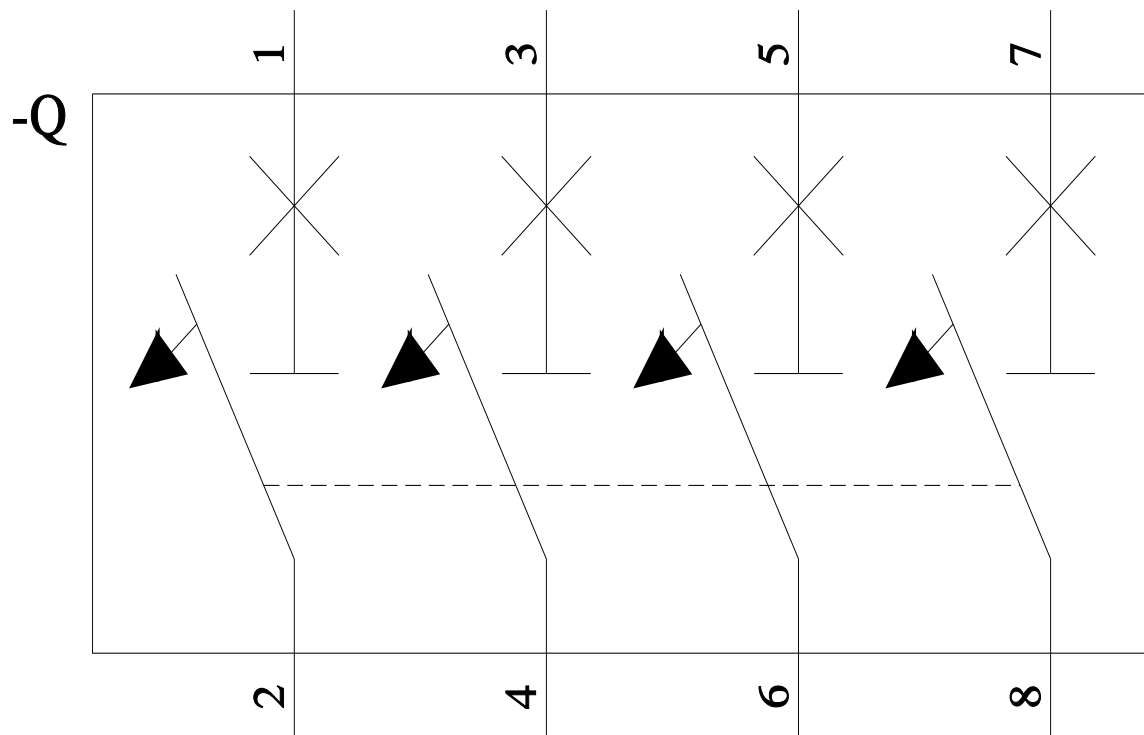
CAX-Online-Generator

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

Tender specifications

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





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