



SINOVA, Miniature Circuit Breaker 415V 6kA, 3-pole C, 50 A

Model	
product brand name	SINOVA
General technical data	
number of poles	3
design of pole	3P
tripping characteristic class	C
overvoltage category	III
degree of pollution	2
operational current at AC rated value	50 A
Supply voltage	
supply voltage at AC	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	15.3 W
product feature silicon-free	Yes
product extension installable supplementary devices	No
connectable conductor cross-section solid	
• minimum	1 mm <sup>2</sup>
• maximum	35 mm <sup>2</sup>
connectable conductor cross-section stranded	
• minimum	1 mm <sup>2</sup>
• maximum	35 mm <sup>2</sup>
tightening torque with screw-type terminals	
• minimum	2 N·m
• maximum	2 N·m
position of power supply cord	Any
height	84 mm
width	54 mm
depth	76 mm
installation depth	70 mm
number of modular width units	3
fastening method	DIN rail
mounting position	any
net weight	336 g
ambient temperature during operation	
• minimum	-25 °C

<ul style="list-style-type: none"> <li>• maximum</li> </ul>	55 °C
ambient temperature during storage	
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	-40 °C
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	75 °C
reference code	
<ul style="list-style-type: none"> <li>• according to EN 61346-2</li> </ul>	F
<ul style="list-style-type: none"> <li>• according to IEC 81346-2</li> </ul>	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=5TJ6350-7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TJ6350-7>

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

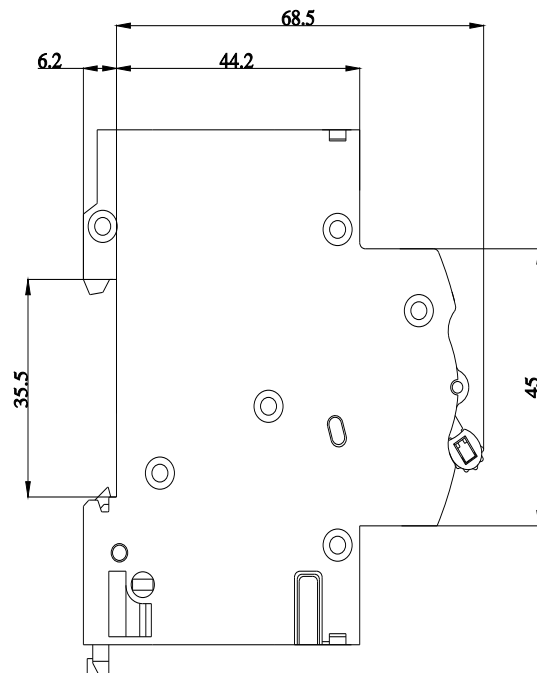
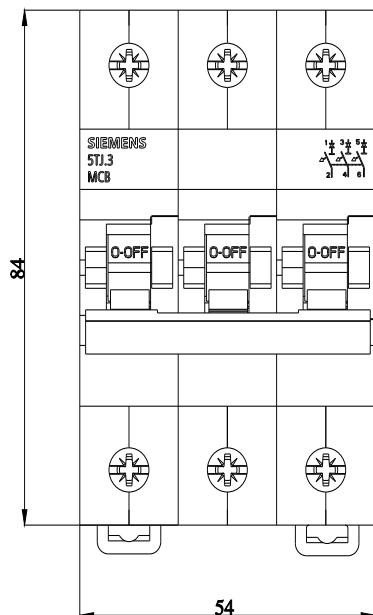
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TJ6350-7](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TJ6350-7)

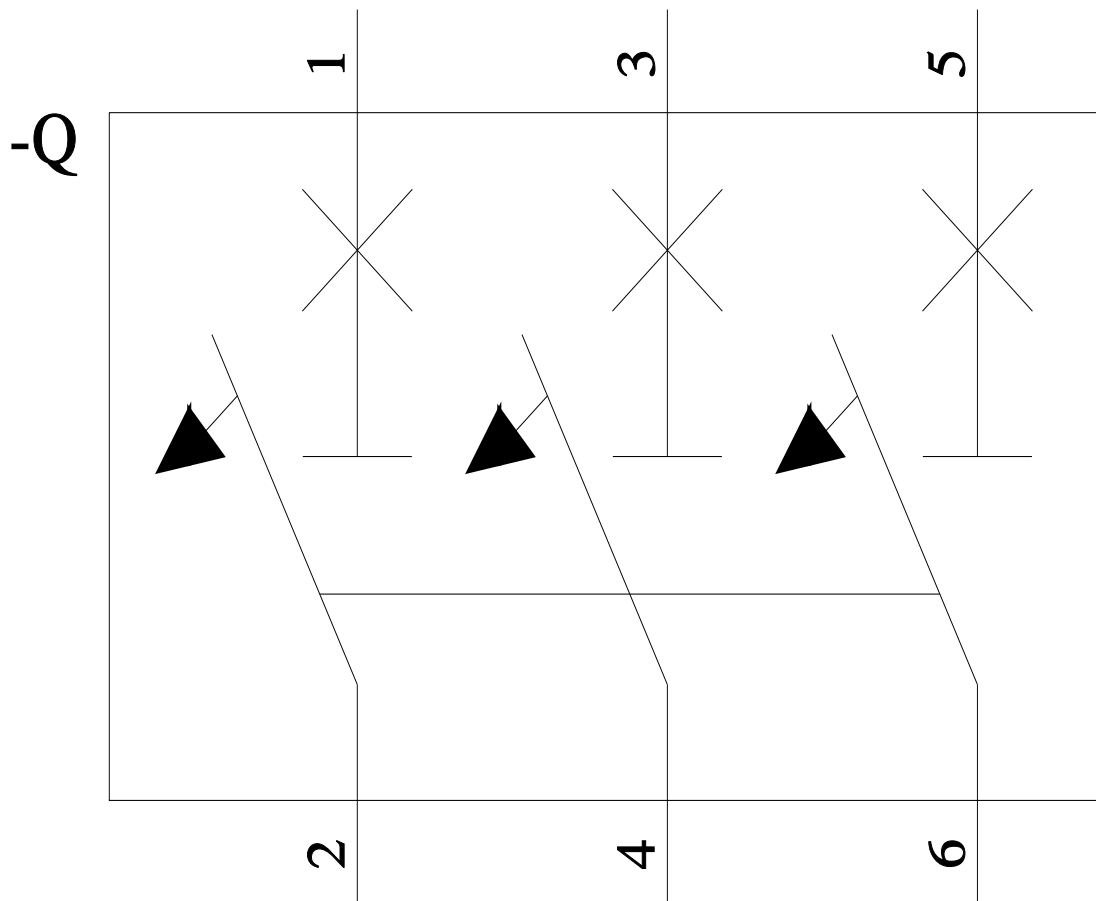
##### CAX-Online-Generator

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

##### Tender specifications

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





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