



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

Model	
product brand name	SINOPLUS
General technical data	
number of poles	2
design of pole	2P
tripping characteristic class	C
overvoltage category	3
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	6 kA
energy limitation class	3
power loss [W]	
• for rated value of the current at AC in hot operating state per pole	5 W
• maximum	10 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 IEC 81346-2	F

Approvals Certificates

General Product Approval	Test Certificates
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[Type Examination Certificate](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=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, ...)

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

CAX-Online-Generator

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

Tender specifications

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

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<https://curves.simarisiemens.com/curves/5TJ6250-7>



