SIEMENS

Data sheet 5TJ6225-7



SINOPLUS, Miniature Circuit Breaker 415V 6kA, 2-pole C, 25 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	25 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	3 W
● maximum	6 W
product feature silicon-free	Yes
product extension installable supplementary devices	No
connectable conductor cross-section solid	
● minimum	1 mm²
● maximum	25 mm²
connectable conductor cross-section stranded	
● minimum	1 mm²
● maximum	25 mm²
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

Subject to change without notice
© Copyright Siemens

Net Weight	188 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

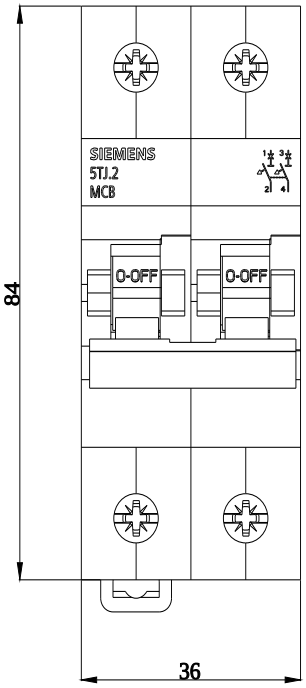
Approvals Certificates

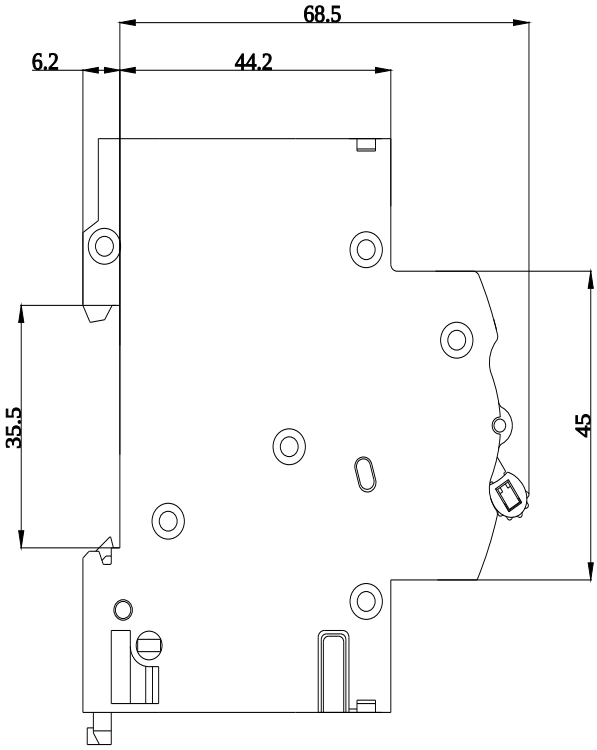
General Product Approval	Test Certificates
AR	Type Examination Certificate

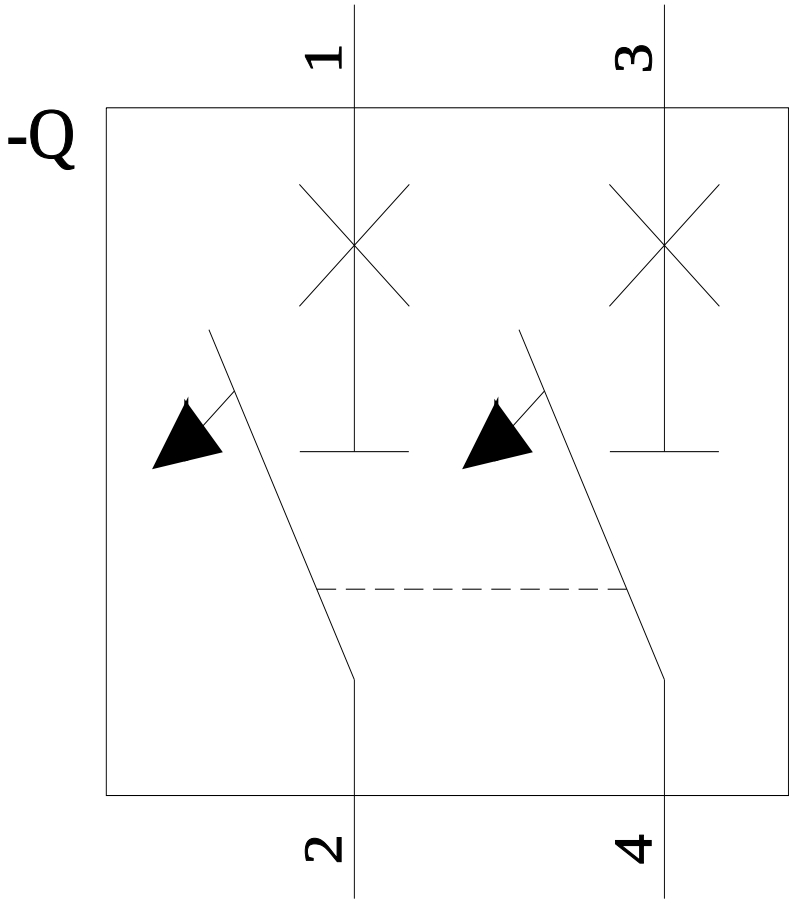
Further information

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=5TJ6225-7
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TJ6225-7
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TJ6225-7
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/5TJ6225-7

Subject to change without notice
© Copyright Siemens







last modified: 11/28/2025

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens