SIEMENS

Data sheet 5TL1291-1



switch disconnector, on-off switch 100 A 2-pole, with red handle

Model	
product brand name	SENTRON
product designation	On-off switch
design of the product	2 NO red
design of the switching function	on-off switch
General technical data	
number of poles	2
short-circuit current rating	10 kA
type of voltage of the operating voltage	AC
Supply voltage	
operating voltage rated value	440 V
value range of the operating frequency	50/60 Hz
Protection class	
protection class IP	other
Breaking Capacity	
switching capacity current rated value	0.3 kA
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	5.5 W
Main circuit	
operational current rated value	100 A
Product details	
product component signal lamp	No
number of NO contacts	2
Product function	
product function positive opening (acc. to DIN VDE 0113)	No
connectable conductor cross-section for flexible conductor with core end processing	
● minimum	2.5 mm²
● maximum	50 mm²
connectable conductor cross-section for rigid conductor	
● minimum	2.5 mm²
● maximum	50 mm²
tightening torque with screw-type terminals	
● minimum	2.5 N·m
● maximum	3 N·m
Mechanical Design	
height	89.8 mm
depth	74.5 mm

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installation depth	70 mm
number of modular width units	2
Net Weight	221 g
ambient temperature during operation	
● minimum	-5 °C
● maximum	40 °C
ambient temperature during storage minimum	-25 °C

Approvals Certificates

Environment

Environmental Confirmations

Environmental Confirmations

General Product Approval

Miscellaneous

General Product Approval

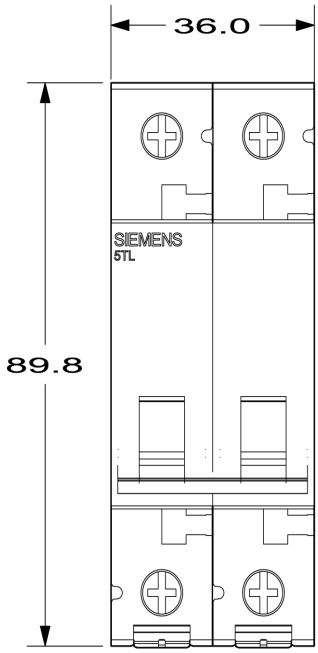
other

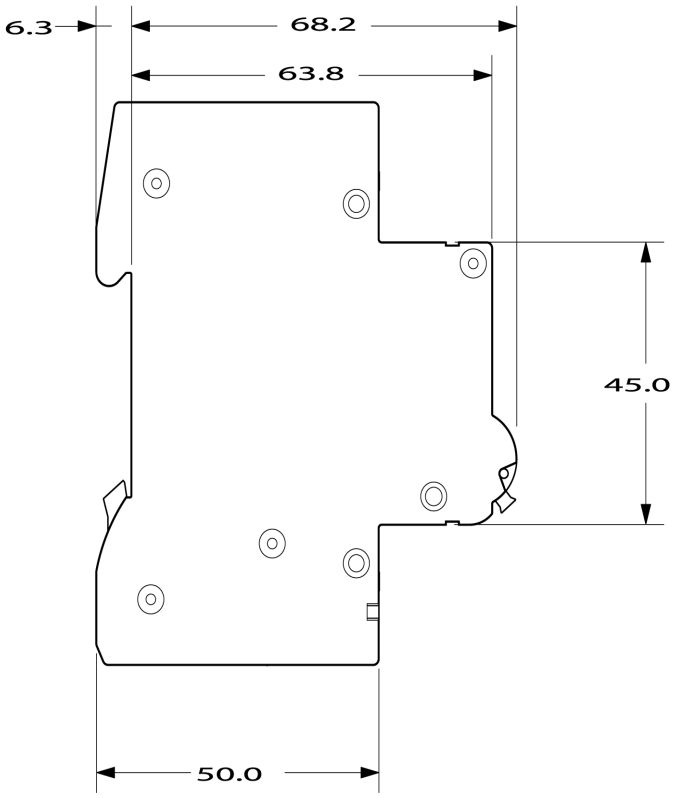
Confirmation

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=5TL1291-1
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TL1291-1
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TL1291-1
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/5TL1291-1

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