



off switch 80A 2-pole

Model	
product brand name	SENTRON
product designation	On/Off switches
design of the product	2 NO
design of the switching function	Switch disconnecter
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
Switching capacity	
switching capacity current rated value	0.24 kA
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	3.5 W
Main circuit	
operational current rated value	80 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 mm ²
• maximum	50 mm ²
connectable conductor cross-section for rigid conductor	
• minimum	2.5 mm ²
• maximum	50 mm ²
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
installation depth	70 mm

number of modular width units	2
net weight	223 g
ambient temperature during operation	
• minimum	-5 °C
• maximum	40 °C
ambient temperature during storage minimum	-25 °C

Approvals Certificates

General Product Approval	Declaration of Conformity
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[Confirmation](#)



[Miscellaneous](#)



Declaration of Conformity	other	Environment
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[Miscellaneous](#)

[Environmental Confirmations](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=5TL1280-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TL1280-0>

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

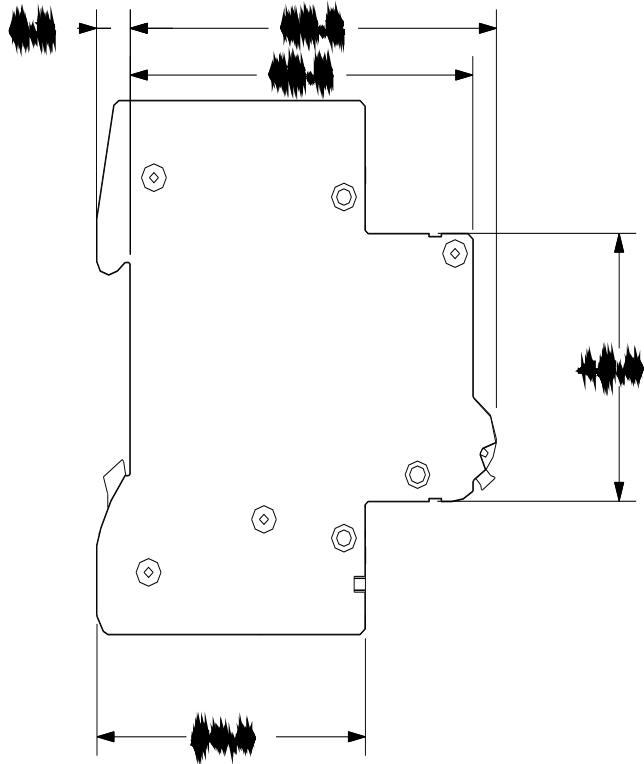
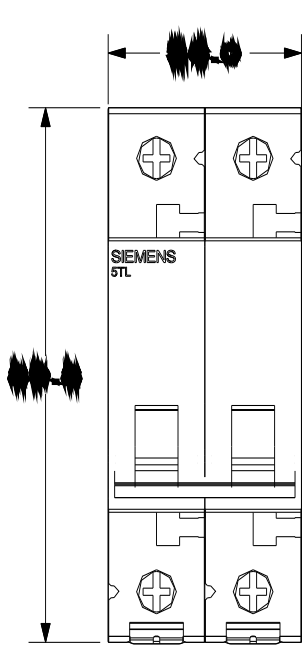
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TL1280-0

CAX-Online-Generator

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

Tender specifications

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



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