

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 disconnecting
General technical data	
number of poles	2
short-circuit current rating	10 kA
Supply voltage	
type of voltage	AC
operating voltage / rated value	440 V
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
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### Main circuit

operating current / rated value	80 A
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### 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 <sup>2</sup>
• maximum	50 mm <sup>2</sup>
connectable conductor cross-section / for rigid conductor	
• minimum	2.5 mm <sup>2</sup>
• maximum	50 mm <sup>2</sup>
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 width units	2
net weight	223 g
ambient temperature / during operation	
• minimum	-5 °C
• maximum	40 °C
ambient temperature / during storage / minimum	-25 °C

### Certificates

#### General Product Approval



[Miscellaneous](#)



#### Declaration of Conformity

### Further information

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](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>



