

off switch 80A 3-pole+N



Model	
product brand name	SENTRON
product designation	On/Off switches
design of the product	3 NO + N
design of the switching function	Switch disconnecter
General technical data	
number of poles	3
number of poles / note	3P+N
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

Main circuit	
operating current / rated value	80 A

Product details	
product component / signal lamp	No
number of NO contacts	3

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	4
net weight	440 g
ambient temperature / during operation	
• minimum	-5 °C
• maximum	40 °C
ambient temperature / during storage / minimum	-25 °C

Certificates	
<b>General Product Approval</b>	<b>Declaration of Conformity</b>



[Miscellaneous](#)



### 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=5TL1680-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TL1680-0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TL1680-0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TL1680-0)

**CAX-Online-Generator**

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

**Tender specifications**

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