



off switch 80A 3-pole+N

Model	
product brand name	SETRON
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
design of pole	3P+N
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	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 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	4
net weight	440 g
ambient temperature / during operation	
• minimum	-5 °C
• maximum	40 °C
ambient temperature / during storage / minimum	-25 °C

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



[Miscellaneous](#)



Declaration of Conformity	other
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[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

CAX-Online-Generator

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

Tender specifications

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



