SIEMENS

Data sheet 5TE8141

Group switch 20 A 1 group



Model	
Product brand name	SENTRON
Product designation	Group switches
Design of the product	1 changing switch
Design of the switching function	Group switches
General technical data	
Number of poles	1
Short-circuit current rating	10 kA
Supply voltage	
Type of voltage	AC
Operating voltage / rated value	230 V
Operating frequency	50/60 Hz
Protection class	
Protection class IP	Other
Switching capacity	
Switching capacity current / rated value	0.06 kA
Dissipation	

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Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	0.7 W

Main circuit

Operating current / rated value	20 A

Product details

Product component / Signal lamp	No

Product function

Product function / positive opening (acc. to DIN VDE 0113)	No
Connectable conductor cross-section / for flexible conductor / with core end processing	
• minimum	1 mm²
• maximum	6 mm²
Connectable conductor cross-section / for rigid conductor	
• minimum	1 mm²
• maximum	6 mm²
Tightening torque / with screw-type terminals	
• minimum	0.8 N·m
• maximum	1 N·m

Mechanical Design

Height	90 mm
Depth	17.6 mm
Installation depth	73.5 mm
Number of width units	1
Net weight	65 g
Ambient temperature / during operation	
• minimum	-5 °C
• maximum	40 °C
Ambient temperature / during storage / minimum	-25 °C

Certificates

General Product Approval	Declaration of Conformity	Test Certificates		other
VDE	EG-Konf.	Type Test Certificates/Test Report	Miscellaneous	Environmental Confirmations

Further information

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Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs

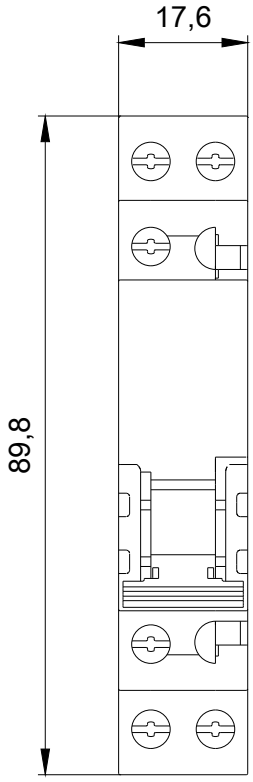
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5TE8141

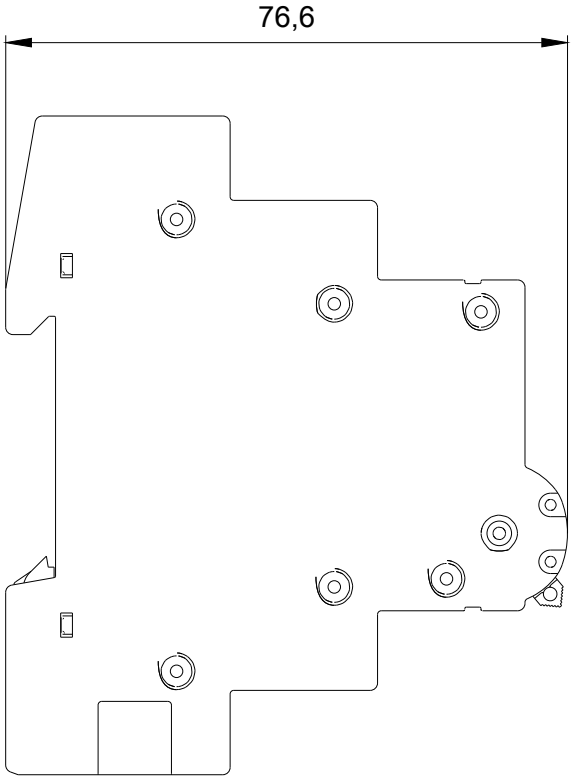
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TE8141

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TE8141

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://www.siemens.com/specifications





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