SIEMENS

Data sheet 5TE8141



Group switch 20 A 1 group

Model	
product brand name	SENTRON
product designation	Group switch
design of the product	1 changing switch
design of the switching function	group switch
General technical data	
number of poles	1
short-circuit current rating	10 kA
type of voltage of the operating voltage	AC
Supply voltage	
operating voltage rated value	230 V
value range of the operating frequency	50/60 Hz
Protection class	
protection class IP	other
Breaking Capacity	
switching capacity current rated value	0.06 kA
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	0.7 W
Main circuit	
operational 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	77 mm
installation depth	70 mm

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number of modular width units	1
Net Weight	65 g
ambient temperature during operation	
● minimum	-5 °C
● maximum	40 °C
ambient temperature during storage minimum	-25 °C

Approvals Certificates

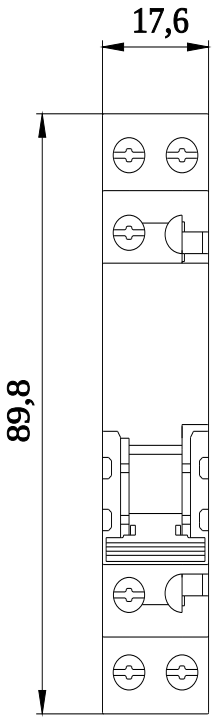
Environment			General Product Approval		
Environmental Confirmations	Environmental Confirmations				Confirmation

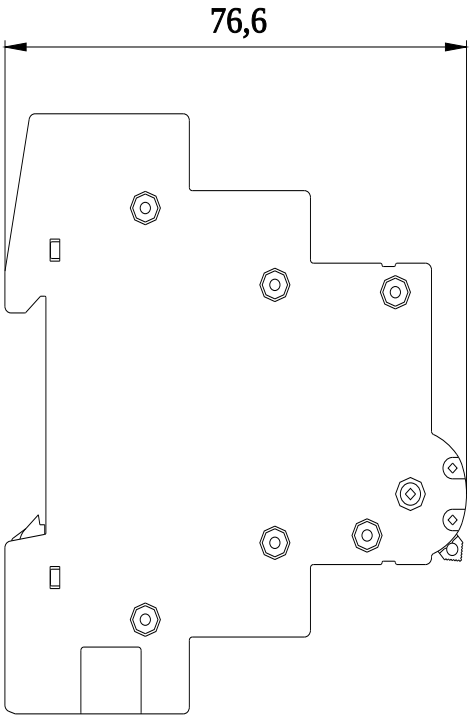
General Product Approval	Test Certificates	other	
	Miscellaneous	Confirmation	

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TE8141
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/5TE8141

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