SIEMENS

Data sheet 5TE6810



SCHUKO socket outlet 16 A yellow according to DIN VDE 0620 for installation in distribution boards

Model	
product brand name	SENTRON
product designation	SCHUKO socket outlet
product type designation	5TE6
design of the special power supply unit	Without special power supply
General technical data	
mounting type	Latching mounting
material	Thermoplastic
Supply voltage	
supply voltage frequency rated value	50 Hz
Protection class	
protection class IP	IP20
Main circuit	
operating frequency	
● minimum	50 Hz
● maximum	50 Hz
operational current rated value	16 A
Appearance	
appearance	Matt
RAL color number	1 018
color	yellow
Product details	
product component	
● **increased touch protection**	No
● integrated light source	No
● hinged lid	No
product feature halogen-free	Yes
Number	
number of terminals with cross-head screw	1
number of sockets	1
Connections	
stripped length	10 mm
arrangement of contacts diagonal	No
connectable conductor cross-section for rigid conductor	
● minimum	1.5 mm²
● maximum	6 mm²
connectable conductor cross-section finely stranded with core end processing minimum	0.5 mm²
tightening torque with screw-type terminals maximum	1.2 N·m

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type of electrical connection	Screw terminal
Mechanical Design	
height	58 mm
width	44 mm
depth	75 mm
number of modular width units	2.5
fastening method	DIN-rail mounting
Net Weight	85 g
material of the enclosure	plastic
Environmental conditions	
ambient temperature during operation minimum	-10 °C
Certificates	
reference code according to IEC 81346-2	XD

Approvals Certificates

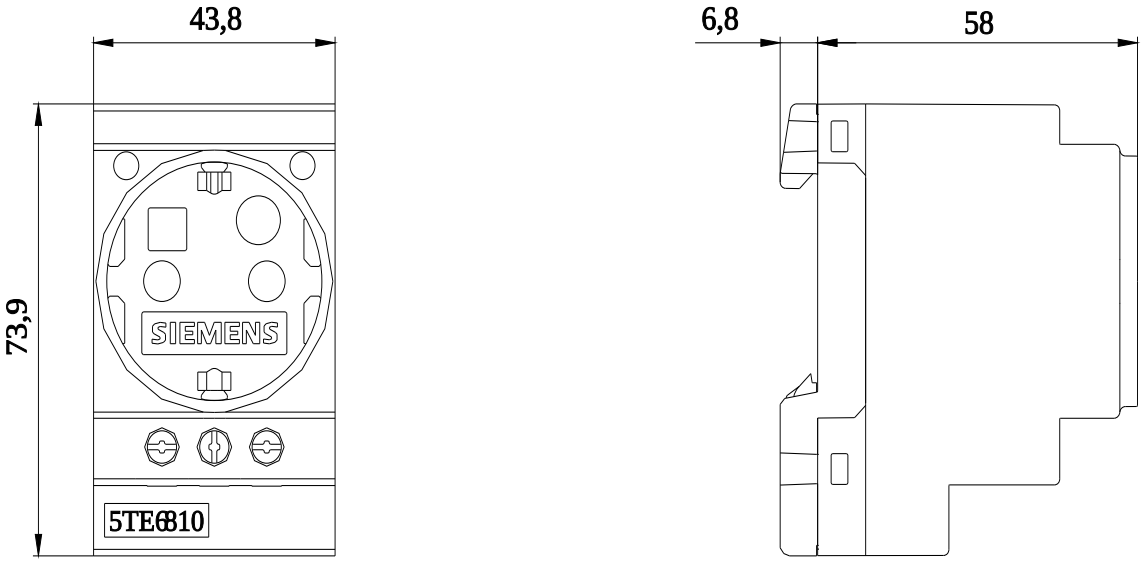
Environment			**General Product Approval**		
Environmental Confirmations	Environmental Confirmations	EPD	DVE VDE	EAC	Confirmation

General Product Approval		**other**	
UK CA	CE EG-Konf.	Confirmation	产品合格 QC PASS

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=5TE6810
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TE6810
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TE6810
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/5TE6810

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