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Data sheet 5TT4428-2



Figure similar

Remote control switch Contact for 25 A Voltage 24 V AC 2 change-over contacts

Model	
product brand name	SENTRON
product designation	Remote control switch
design of the product	2W, AC 24 V
latching relay design	Mechanical switch
General technical data	
electrical endurance (operating cycles)	50 000
galvanic isolation between magnet coil and contact	Yes
switching voltage of the contacts at AC minimum	10 V
switching current at AC per contact minimum	100 mA
degree of pollution	3
power loss [V·A] of magnet coil with pulse rated value	18 VA
Voltage	
type of voltage of the operating voltage	AC
continuous voltage fuse version	Yes
surge voltage resistance rated value	3 kV
supply voltage	400 V
Supply voltage	
supply voltage	
● minimum	230 V
Protection class	
protection class IP	IP20
Breaking Capacity	
switching capacity apparent power	
● for fluorescent lamp load with DUO circuit	2 436 VA
● for fluorescent lamp load with parallel compensation	986 VA
● for uncompensated fluorescent lamp load	1 624 VA
switching capacity current	
● at cos phi 0.6	25 A
● rated value	25 A
switching capacity active power with incandescent lamp load	5 500 W
Dissipation	
power loss [W]	
● at 16 A per contact rated value	2 W
● of magnet coil with pulse rated value	13 W
Control current	
type of voltage	

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● of control voltage_1	AC
control voltage	
● _1 initial value	207 V
● _1 full-scale value	253 V
● _1 setpoint	24 V
control voltage frequency	
● _1 initial value	50 Hz
● _1 full-scale value	60 Hz
Product details	
product component switch position indicator	Yes
number of NC contacts	0
number of NO contacts	2
number of CO contacts	2
Product function	
product function	
● direct operation	Yes
● communication function	No
● other measurement function	No
pulse duration minimum	50 ms
Number	
number of terminals	3
Connections	
connectable conductor cross-section for flexible conductor with core end processing	
● minimum	1 mm²
● maximum	10 mm²
connectable conductor cross-section for rigid conductor	
● minimum	1 mm²
● maximum	10 mm²
Mechanical Design	
height	90 mm
width	35 mm
width of opening of the contacts	3 mm
depth	73 mm
mounting height	90 mm
installation depth	70 mm
number of modular width units	2
fastening method	DIN rail
mounting position	Horizontal and vertical
Net Weight	201 g
Environmental conditions	
ambient temperature during operation	
● minimum	-25 °C
● maximum	55 °C
ambient temperature with relative humidity 95% according to DIN 50015	55 °C
Approvals Certificates	

General Product Approval				Test Certificates	other
Confirmation				Miscellaneous	Miscellaneous

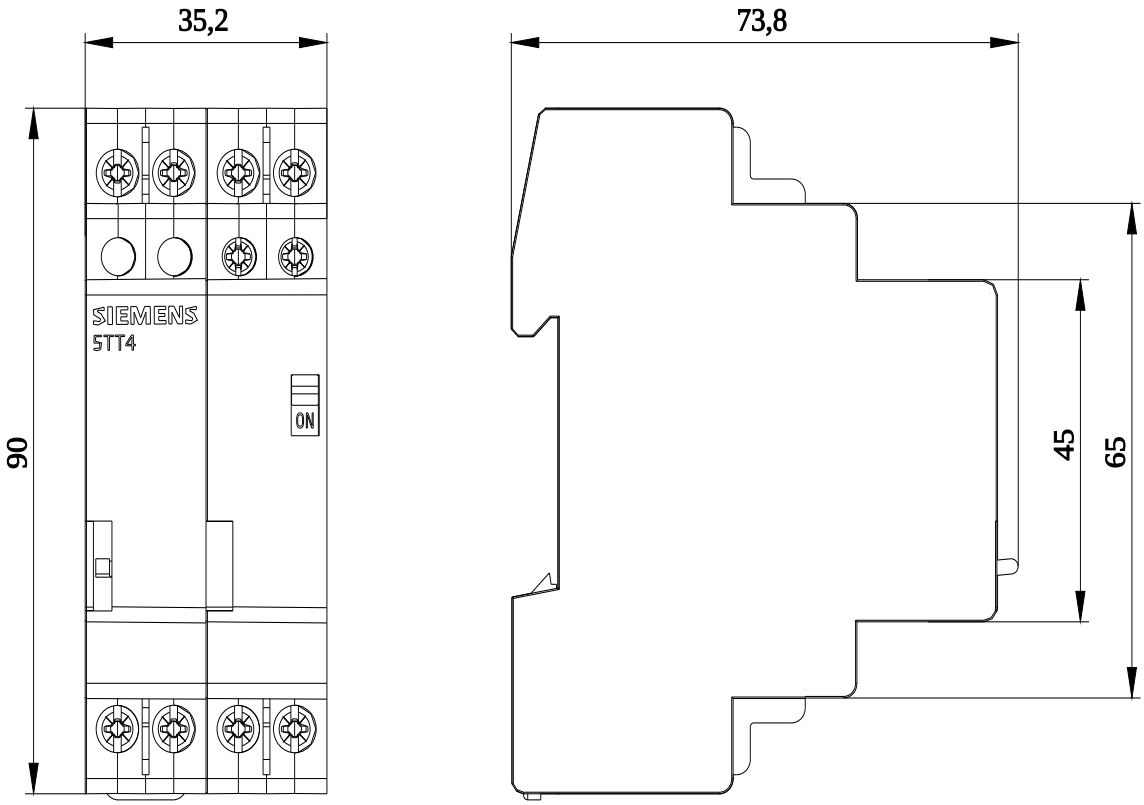
other	Environment

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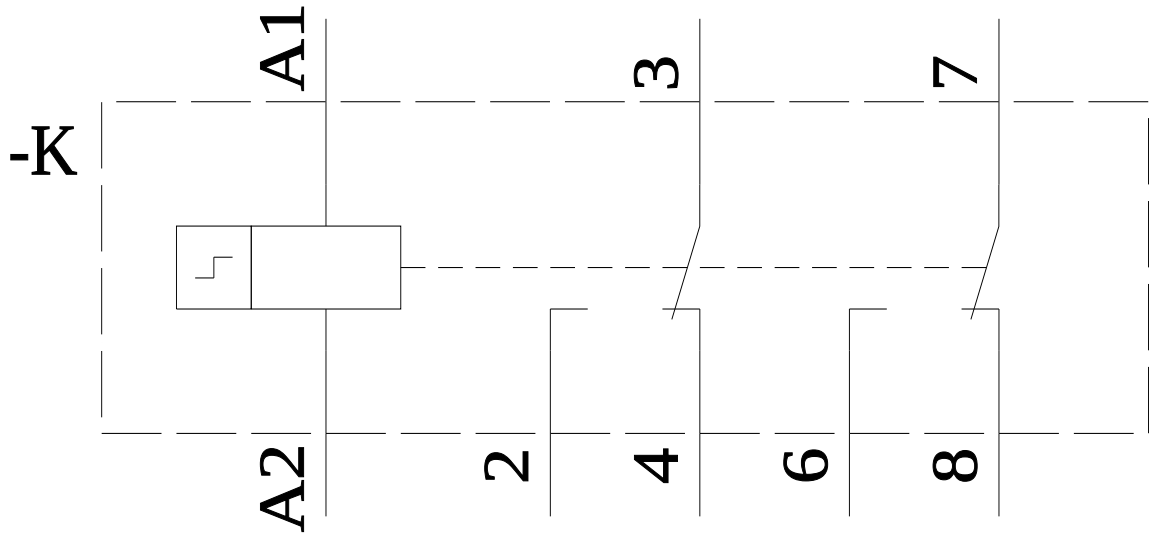
Confirmation | Environmental Con-firmations | Environmental Con-firmations

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=5TT4428-2
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TT4428-2
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4428-2
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications



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