SIEMENS

Data sheet 5TT4432-5



Remote control switch Contact for 25 A Voltage 24 V DC 2 NO

Model	
product brand name	SENTRON
product designation	Remote control switch
latching relay design	Mechanical switch
General technical data	modianion emeci
electrical endurance (switching 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
power loss [V·A] / of magnet coil / with pulse / rated value	9 VA
Voltage	3 VA
	AC
type of voltage / of the operating voltage	Yes
continuous voltage fuse version	3 kV
surge voltage resistance / rated value supply voltage	400 V
.,,,	700 V
Supply voltage	220.1/
supply voltage / minimum	230 V
Protection class	IDOO
protection class IP	IP20
Switching 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	9 W
Control current	
type of voltage	
of control voltage_1	DC
control voltage	
_1 / initial value	207 V
_1 / full-scale value	253 V

• _1 / setpoint		24 V		
Product details				
product component / switch position indicator		Yes		
number of NC contacts		0		
number of NO contacts		2		
number of CO contacts		0		
Product function				
product function / direct operation		Yes		
pulse duration / minimum		100 ms		
Number				
number of terminals		4		
Connections				
connectable conductor cross-section / for flex conductor / with core end processing	ible			
• minimum		1 mm²		
maximum		10 mm²		
connectable conductor cross-section / for rigid	d conductor			
• minimum		1 mm²		
maximum		10 mm²		
Mechanical Design				
height		90 mm		
width		17.5 mm		
width of opening / of the contacts		3 mm		
depth		73 mm		
mounting height		90 mm		
installation depth		73 mm		
number of modular width units		1		
fastening method		DIN rail		
mounting position		Horizontal and vertical		
net weight		174 g		
Environmental conditions				
ambient temperature / during operation				
• minimum		-25 °C		
maximum		55 °C		
General Product Approval	Declaration of	of Conformity	Test Certificates	other

Confirmation







Miscellaneous

Miscellaneous

other

Confirmation

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=5TT4432-5

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

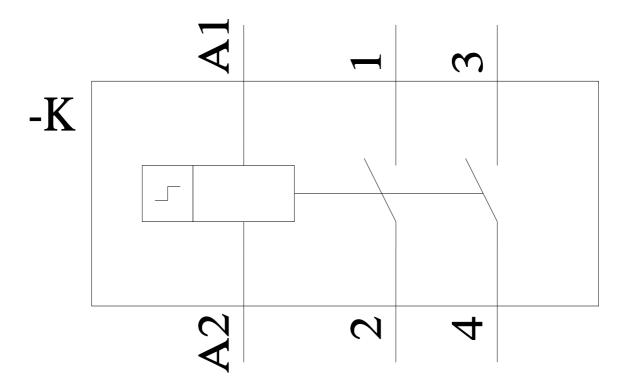
https://support.industry.siemens.com/cs/ww/en/ps/5TT4432-5

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4432-5

CAx-Online-Generator

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



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