

EMERGENCY-STOP-RELAY >N< 230V 10A



Model	
product brandname	SETRON
Product category	basic device
Design of input / feedback input	Yes
Design of input / Start input	Yes
General technical data	
Deflection amplitude / for vibration test / acc. to 60068-2-6 up to 55 Hz	0.35 mm
Response delay / maximum	0.1 s
Operating range factor / of control voltage_1	0.8
Electrical endurance (switching cycles) / of the contacts / at 2 A / at AC-15 / at 230 V	100 000
Category / acc. to EN 954-1	4
Operating frequency / maximum	600 1/h
Recovery time	500 ms
Voltage	
SIL Claim Limit (subsystem) / acc. to EN 62061	3
Surge voltage resistance / between contacts of the relay operating mechanism	4 kV

Switching capacity	
Switching capacity voltage / of the contacts	
• as NC contact / at DC-13	24 V
• as NO contact / at DC-13	24 V
Switching capacity current / of the contacts	
• as NC contact / at AC-15	2 A
• as NC contact / at DC-13	4 A
• as NO contact / at AC-15	3 A
• as NO contact / at DC-13	4 A
• as CO contact / at AC-1	5 A
Main circuit	
Operating frequency / rated value	50 Hz
Control current	
Type of voltage / of the control supply voltage	AC
Control voltage / at connecting terminal Y1 / at AC/DC	24 V
Control supply voltage	
• at AC / rated value	230 V
• at AC / at 50 Hz / rated value / minimum	184 V
• at AC / at 50 Hz / rated value / maximum	253 V
• at AC / at 60 Hz / rated value / minimum	184 V
• at AC / at 60 Hz / rated value / maximum	253 V
Control current / at connecting terminal Y1 / at DC	45 mA
Operating range factor / of control voltage_2	1.1
Suitability	
Suitability for use	
• safety switch	Yes
• magnetically operated switch monitoring	No
• proximity switch monitoring	No
• EMERGENCY-OFF circuit monitoring	Yes
• opto-electronic protection device monitoring	No
• position switch monitoring	Yes
• tactile sensor monitoring	No
• valve monitoring	No
Product function	
Product function / muting function	No
Number	
Number of terminals / with cross-head screw	1
Number of outputs / as contact-affected switching element / safety-related / instantaneous contact	4

Connections

Type of electrical connection

- Plug-in socket

screw-type terminals

No

Mechanical Design

Height

90 mm

Width

71 mm

Width of opening / of the contacts

1 mm

Depth

55 mm

Mounting type / rail mounting

Yes

Required spacing / between contacts of the relay operating mechanism

3 mm

Net weight

284 g

Environmental conditions

Ambient temperature

- minimum
- maximum

0 °C

50 °C

Certificates

Certificate of suitability

- BG BIA certificate
- TÜV (German technical inspectorate) certificate
- UL approval

Yes

Yes

No

Equipment marking

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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General Product Approval

Declaration of Conformity

other



[sonstig](#)



[Umweltbestätigung](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5TT5200>

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

<http://support.automation.siemens.com/WW/view/en/5TT5200/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT5200

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>

