



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	mm	0.35
Response delay / maximum	s	0.1
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	1/h	600
Recovery time	ms	500
Voltage		
SIL Claim Limit (subsystem) / acc. to EN 62061		3
Surge voltage resistance / between contacts of the relay operating mechanism	kV	4

Switching capacity		
Switching capacity voltage / of the contacts		
• as NC contact / at DC-13	V	24
• as NO contact / at DC-13	V	24
Switching capacity current / of the contacts		
• as NC contact / at AC-15	A	2
• as NC contact / at DC-13	A	4
• as NO contact / at AC-15	A	3
• as NO contact / at DC-13	A	4
• as CO contact / at AC-1	A	5
Main circuit		
Operating frequency / rated value	Hz	50
Control current		
Type of voltage / of the control supply voltage		AC
Control voltage / at connecting terminal Y1 / at AC/DC	V	24
Control supply voltage		
• at AC / rated value	V	230
• at AC / at 50 Hz / rated value / minimum	V	184
• at AC / at 50 Hz / rated value / maximum	V	253
• at AC / at 60 Hz / rated value / minimum	V	184
• at AC / at 60 Hz / rated value / maximum	V	253
Control current / at connecting terminal Y1 / at DC	mA	45
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

mm

90

Width

mm

71

Width of opening / of the contacts

mm

1

Depth

mm

55

Mounting type / rail mounting

Yes

Required spacing / between contacts of the relay operating mechanism

mm

3

Net weight

g

284

Environmental conditions

Ambient temperature

- minimum
- maximum

°C

0

°C

50

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, ...)

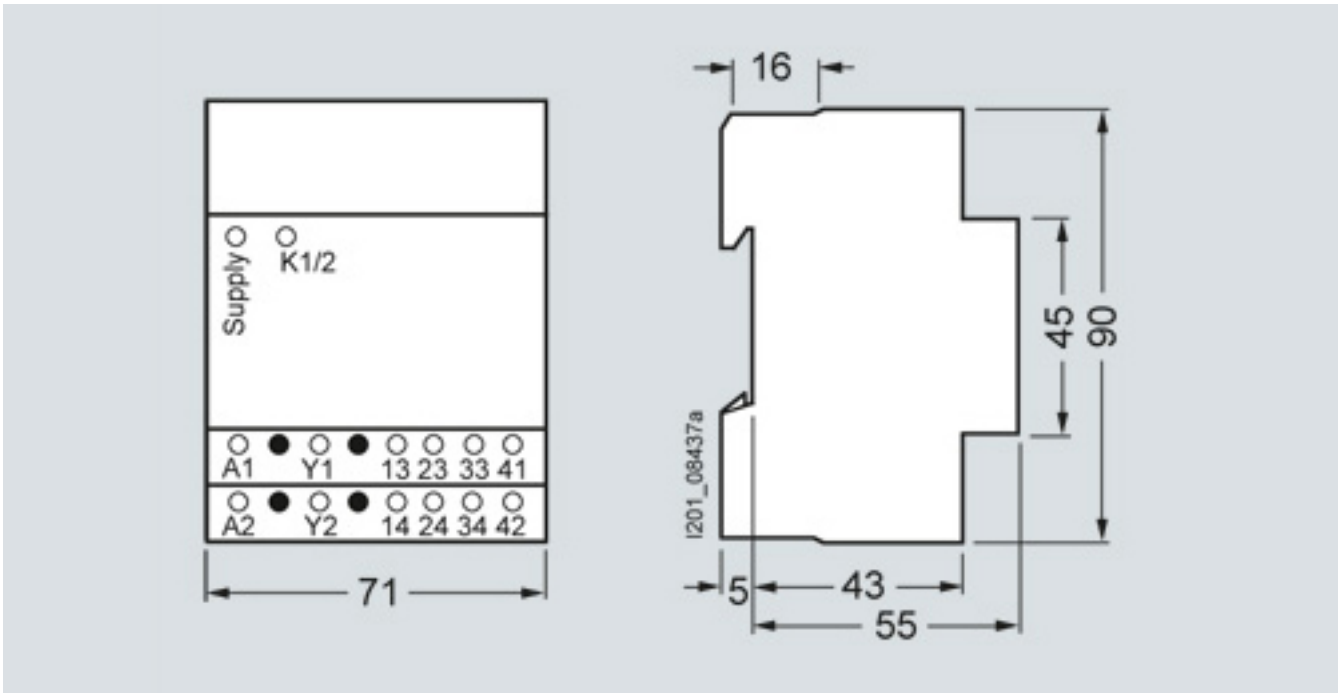
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT5200

CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>



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