

RELAY,N-TYPE W 1 CHANGE OV.CONT. CONTACT
FOR AC 230V 16A CONTROL AC 115V



Model		
product brand name		SENTRON
Product designation		Switching relays
Design of the product		With 1 CO
Design of the switching function		1 CO
General technical data		
Operating range factor / of control voltage_1		0.8
Electrical endurance (switching cycles)		50 000
Galvanic isolation / between magnet coil and contact		Yes
Switching voltage / of the contacts / with AC / minimum	V	10
Switching current / with AC / per contact / minimum	mA	100
Voltage		
Surge voltage resistance		
• Rated value	kV	4
Supply voltage		
Type of voltage		
• of the supply voltage		AC

Protection class		
Protection class IP		IP20, with connected conductors
Switching capacity		
Switching capacity apparent power		
• for uncompensated fluorescent lamp load	V·A	400
Switching capacity current		
• at cos phi 0.6	A	16
Switching capacity active power / with filament lamp load	W	1 200
Dissipation		
Active power loss		
• for rated value of the current / with AC / in hot operating state / per pole	W	1
Main circuit		
Operating frequency		
• Rated value	Hz	50
Operating voltage / with AC / Rated value		
• maximum	V	250
Operating current		
• Rated value	A	16
Control current		
Type of voltage		
• of control voltage_1		AC
Control voltage		
• _1 / initial value	V	115
• _1 / Full-scale value	V	115
Control voltage frequency		
• _1 / initial value	Hz	50
• _1 / Full-scale value	Hz	50
Operating range factor / of control voltage_2		1.1
Appearance		
Product function		
Product function		
• direct operation		Yes
Inputs Outputs		
Relay design		partially electronic
Number		
Number of terminals / with cross-head screw		1
Number of NC contacts		0
Number of NO contacts		0
Number of CO contacts		1

Connections

Connectable conductor cross-section

- for flexible conductor / with core end processing
 - minimum
 - maximum
- for rigid conductor
 - minimum
 - maximum

mm ²	1
mm ²	6
mm ²	1.5
mm ²	6

Mechanical Design

Width of opening / of the contacts

mounting position

Installation depth

Number of width units

Mounting type

Spacing required for live parts

mm	1.2
	any
mm	90
	1
	DIN rail
mm	6

Environmental conditions

Ambient temperature

- minimum
- maximum
- with relative humidity 95% / acc. to DIN 50015

°C	-10
°C	40
°C	35

Certificates

General Product Approval

Declaration of Conformity



[other](#)



Test Certificates

[other](#)

Further information

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

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

Industry Mall (Online ordering system)

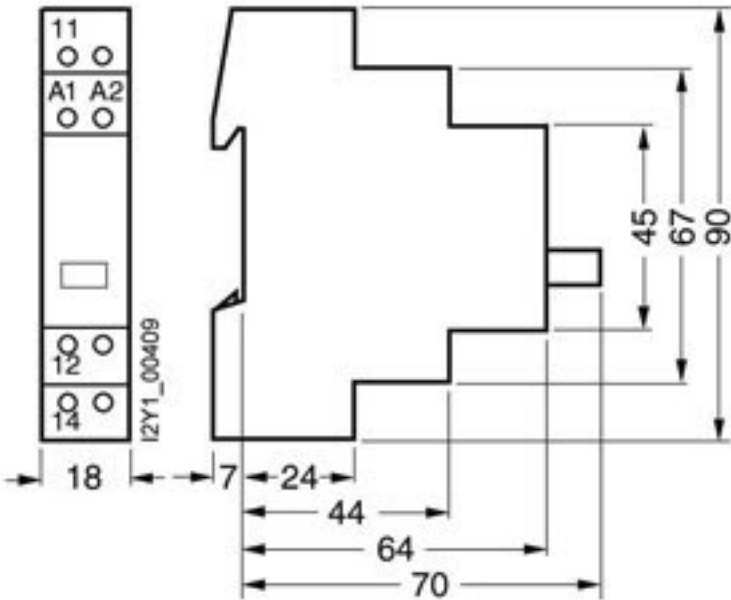
<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5TT42061>

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

<http://support.automation.siemens.com/WW/view/en/5TT42061/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT42061



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