



Relay Catalog

- Facts & Figures
- News & More
- Automotive
- Modules/Relays
- Telecom/Signal Rel.
- Power Relays
- Relay Catalog
- Relay Lexicon



Components
with
system
vision



Miniature

Ordering Design
Dimensions (L x \

Features

- 2, 3 or 4 C/O contacts
- Cadmium-free contact material
- Manual test tab, optionally lockable
- Mechanical indicator
- Relay height 29 mm
- Switching performance up to 3000 VA
- White marking tabs

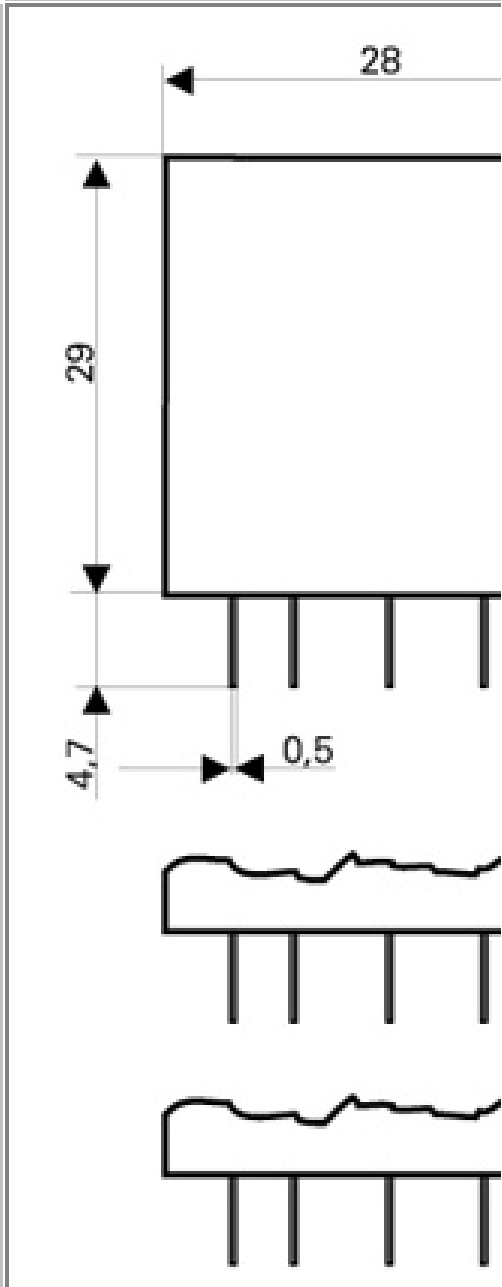
Design	
Terminal Design:	Printed circuit terminals
Case Sealing:	Dust protected
Version:	PCB terminals, with test-but

Dimensions (max.)	
Length:	28 mm
Width:	22.5 mm

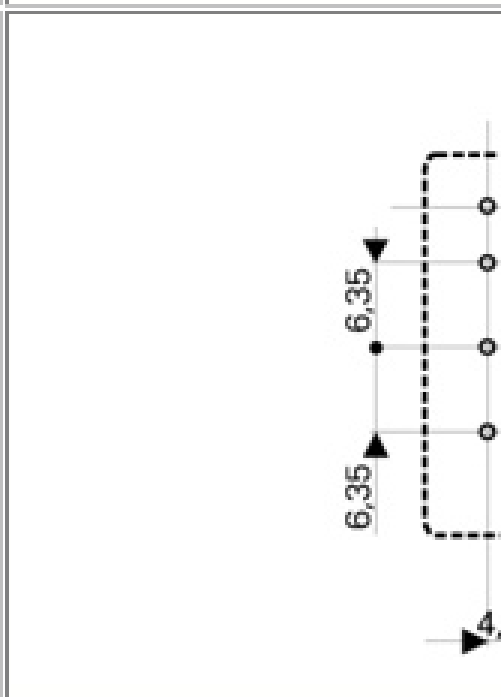
Height: 29 mm

Weight: 30 g

Dimensional Drawing:



Mounting hole layout:



All values valid at reference temp.:	20 °C
--------------------------------------	-------

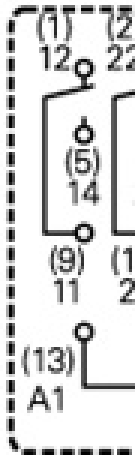
Contact side

Contact Configuration (number and type)
--

Changeover:	4
-------------	---

Contact type :

Single contact	Yes
----------------	-----

Pin assignment:	
-----------------	--

Rated current:	Break: 6 A, Make: 6 A
----------------	-----------------------

Make current max.:	Off: 12 A, On: 12 A
--------------------	---------------------

Break current max.:	Off: 6 A, On: 6 A
---------------------	-------------------

Limiting cont. current at ref. temp.:	Break: 6 A, Make: 6 A
---------------------------------------	-----------------------

Switching voltage :

Max. AC:	250 V
----------	-------

Switching power (see load limit curve)

Contact material:	AgNi 90/10
-------------------	------------

Note:	Approvals on request
-------	----------------------

Energizing Side	
Switching behavior:	monostabil
Actuating system:	AC
Magnet system:	Nonpolarized
Number of coils:	1
Nominal voltage:	24 V
Coil resistance at ref. temp. 20 °C:	192 Ohm +/- 19.2 Ohm
Nominal power at ref. temp.:	1 VA
Operating voltage range	
Must operate voltage (Minimum voltage without pre-energizing):	19.2 V
Min. release voltage:	7.2 V
Switching times	
Operate time at nominal voltage, typ.:	15 ms
Release time typ	
without coil suppression:	10 ms
Bounce time typ.	
Break contact:	5 ms
Make contact:	5 ms

Insulation	
Tracking resistance of the base acc. to IEC 112:	CTI 175
Insulation by IEC 664/VDE 110 (1/89)	
Rated voltage:	250 V
Pollution degree:	3
Overtoltage category:	III
Nominal voltage VDE 110 (2/79)	
Insulation Group B:	250 V
Insulation Group C:	250 V
Dielectric test voltage AC	
Contact/Coil:	2.5 kV
Between neighbouring contacts:	2 kV
At open contact:	1.5 kV

General data	
Permissible ambient temp. in operation:	Min. -45 °C , Max. 70 °C
Mechanical endurance:	20000000 switching cycles
Flammability to UL:	V-0
Electrical endurance (Graphic):	

--	--

Operating conditions	
Vibration resistance:	NO: $>7 * 9,81\text{m/s}^2$; NC: $>4 *$
Shock resistance:	NO: $>20*9,81 \text{ m/s}^2$; NC: $>5*$

Your local Siemens partner will be pleased to inform you about
How are we doing? Tell us about your impression and ideas
Just click on the icon that best represents your opinion: