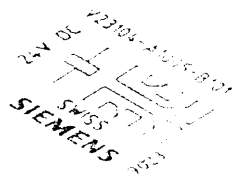
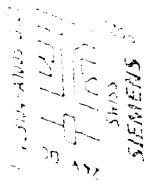
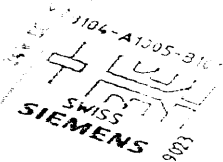


SIEMENS

Light wire relay 24

FEEL 224-510, 521, 534



# Miniature relay D4

for dc operation, neutral, monostable

V23104

## Outstanding features

- Suitable for a wide range of applications in the entire field of electronics, in particular in modern telecommunications systems and in measuring circuits, control, regulating and process systems
- Low-cost relay thanks to 4-pole switching function with extremely compact dimensions
- High reliability thanks to fully automatic production and process-integrated test steps including 100 % final inspection and thanks to tightly sealed plastic housing
- Highly sensitive DIL relay for use on PC boards

## Versions

- Contact arrangement: 4 changeovers
- Bifurcated contacts
- Terminations: printed circuit
- Plastic housing, tightly sealed; to protect against damage and contamination
- Washable: protection class IP 67 in accordance with DIN 40050 (IEC 529), sealing of the relay conforms to DIN IEC 68, sections 2-17, tested in accordance with group Qc 2 (1 minute testing time).

# Miniature relay D4

**V23104-A1\*\*\***

With 4 changeovers

Bifurcated contacts

Washable

For direct mounting into printed circuits,  
pin arrangements for 2.54 mm grid in  
accordance with DIN 40801

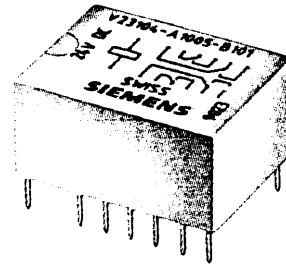
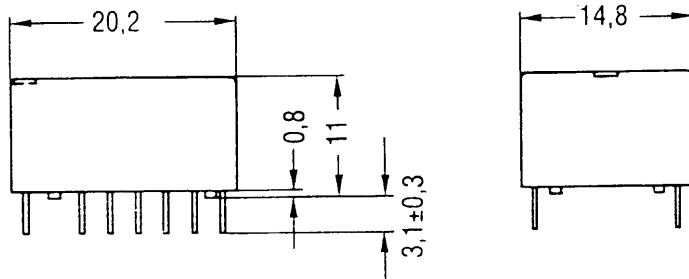
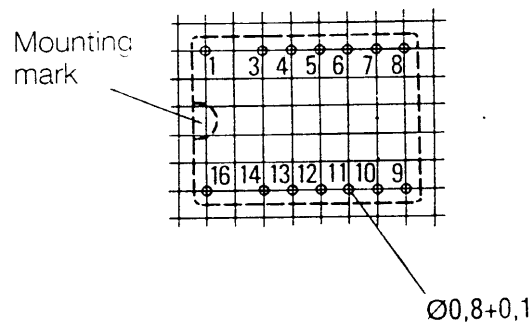


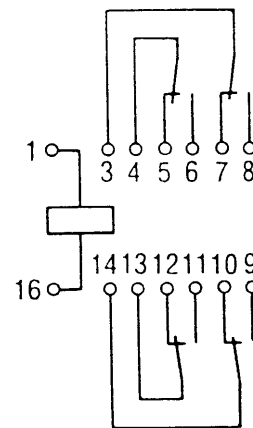
Illustration approx. original size  
Weight approx. 7 g



Mounting hole layout  
View from the wiring side

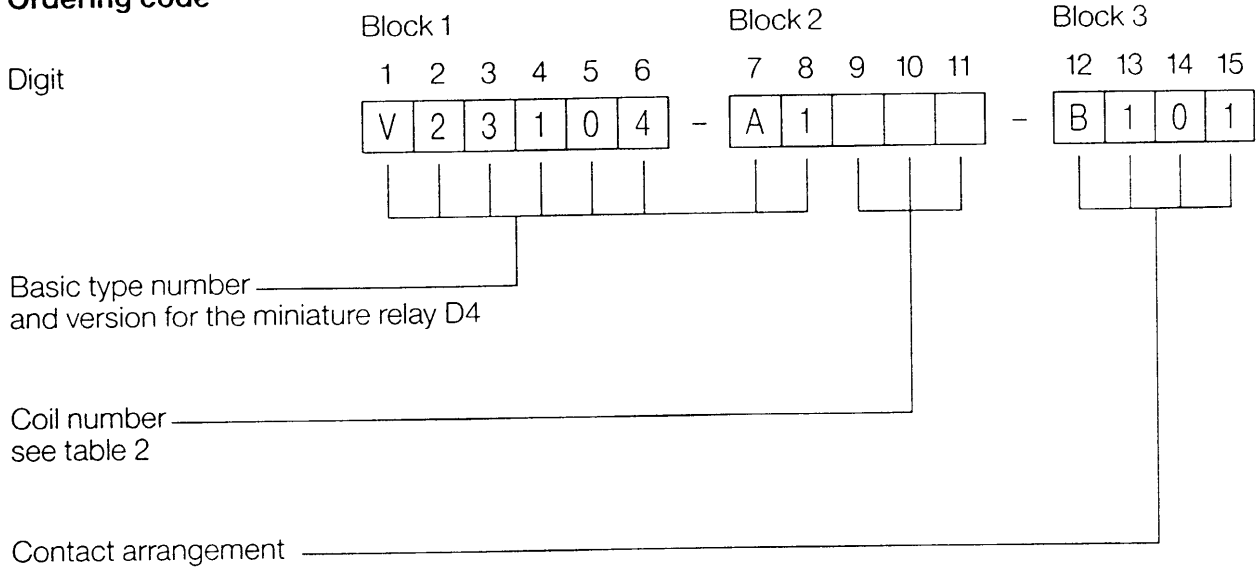


Base terminals



# Miniature relay D4

## Ordering code



Ordering example: V23104-A1005-B101  
Miniature relay D4, coil 24 V nominal voltage

## Preferred standard types – SCS

- V23104-A1001-B101
- V23104-A1003-B101
- V23104-A1005-B101
- V23104-A1007-B101

# Miniature relay D4

**Table 1 Characteristics**

**Energising side**

Operating voltages	Vdc	see table 2
Nominal power consumption	mW	300
Maximum temperature	°C	100
Continuous thermal load at 20 °C ambient temperature	mW	760
Thermal resistance	K/W	105

**Contact side**

Contact material		silver/nickel 20, gold-plated
Contact designation		21-21-21-21
Symbol (see also base terminals)		
Maximum switching voltage	Vdc	150
	Vac	150
Maximum switching current	A	1.25
Maximum power rating with dc voltage with ac voltage	W	30
	VA	50
Maximum continuous current	A	2

**General**

Admissible ambient temperature	°C	- 55 to + 85
Operate time	ms	max. 5
Reverse operate time	ms	max. 3
Maximum switching rate	ops./sec.	100
Test voltage contact tip/contact tip contact/contact contact/winding	Vdc	1000
	Vdc	1000
	Vdc	2500
Electrical life load type resistive load type dry circuit	operations	approx. $5 \times 10^5$
	operations	approx. $10^7$
Mechanical life	operations	approx. $10^8$