

Card Relay E

1 pole 8 A



- 1 C/O or 1 N/O contact
- 4 kV coil-contact
- Vertical and horizontal version
- Version with twin contacts
- Washable

Applications
I/O modules, heating control, timers

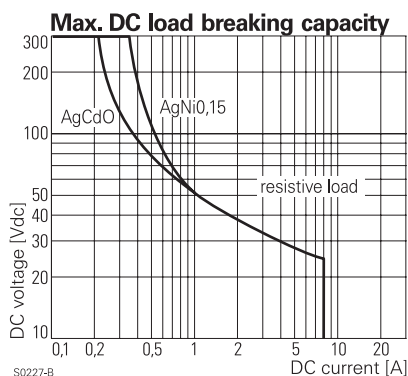
F0151-B



Technical data of approved types on request

Contact data

Configuration	1 C/O contact or 1 N/O contact
Type of contact	standard: single contact
Rated current	8 A / 5 A with AgNi 0.15
Rated voltage / max. breaking voltage AC	250 Vac / 440 Vac
Maximum breaking capacity AC	2000 VA
Make current (max. 4 s at duty cycle 10%)	15 A
Contact material	AgCdO, AgNi 20, AgNi 0.15



Contact life

Load	Operations
Rated load	1x10 ⁵

Coil data

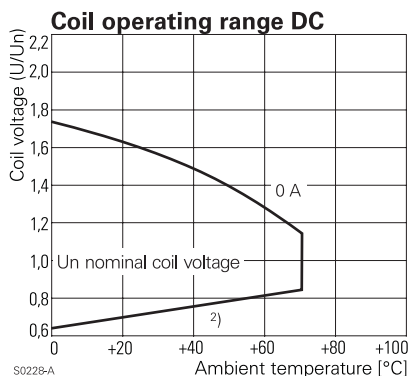
Nominal voltage	6...60 Vdc
Nominal coil power	450...500 mW
Operate power	240 mW

Coil versions

Coil code	Nominal voltage Vdc	Pull-in voltage Vdc	Release voltage Vdc	Maximum voltage Vdc	Coil resistance Ω	Coil current mA
001	6	4.2	0.6	10.6	80 ± 10%	75.0
002	12	8.3	1.2	21.5	330 ± 10%	36.4
006	24	16.8	2.4	40.0	1200 ± 15%	20.0
013	48	33.6	4.8	79.0	4700 ± 15%	10.2
023	60	42.0	6.0	98.0	7200 ± 15%	8.3

Data given for preenergized coil, ambient temperature +20°C

Other coil voltages on request



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Insulation

Dielectric strength	coil-contacts	4000 V _{rms}
	open contact circuit	1000 V _{rms}
Clearance / creepage		4 / 4 mm
Insulation to VDE 0110b (2/79)		
	Insulation category / reference voltage	C / 250
Tracking resistance of relay base		CTI 250

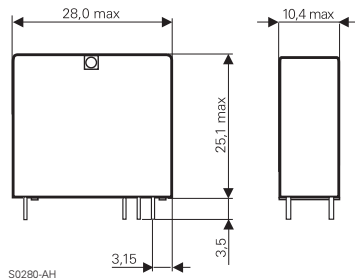
Other data

Flammability class UL	V-0
Ambient temperature	-40...+70 °C
Mechanical life	approx. 20x10 ⁶ operations
Max. switching rate at rated- / minimum load	6 min ⁻¹ / 20 s ⁻¹
Operate- / release time	7 / 3 ms
Bounce time N/O contact/N/C contact	0.5 / 3 ms
Protection category	IP67
Relay weight	14 g
Packaging unit	20 / 400 pcs.

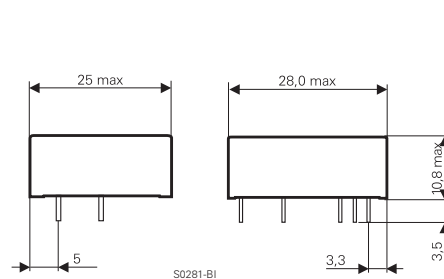
Dimensions

Dimensions in mm

Vertical version

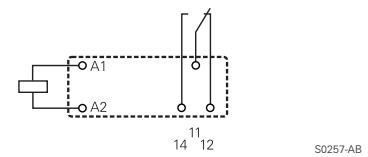
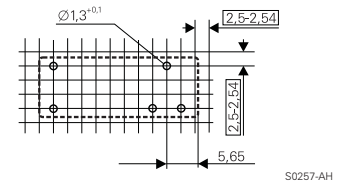


Horizontal version

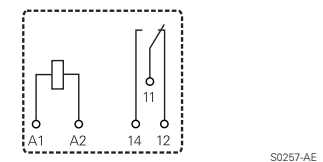
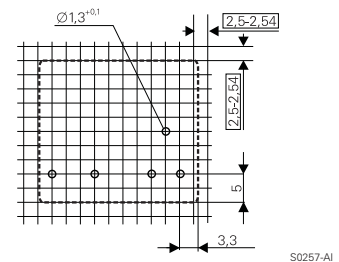


PCB layout / terminal assignment

Vertical version



Horizontal version



View on solder pins
Dimensions in mm

Ordering key

Ordering key										V23057-0				-								-							
Type																													
Version																													
A horizontal										B vertical																			
Version																													
0 standard																													
Coil																													
001 6 V										013 48 V																			
002 12 V										023 60 V																			
006 24 V																													
Contact type																													
A single contact										B bifurcated contact (C/O only)																			
Contact material																													
1 AgNi0,15										4 AgCdO																			
2 AgNi20																													
Contact configuration																													
01 1 C/O contact										02 1 N/O contact																			
Other types on request																													