

MEV4A

MASSUSE RELAY

FEATURES

- 70A, 50A continuous contact rating
- 1A arrangements
- Optional mounting bracket
- PC board mounting and direct insert mounting available.

CONTACT DATA

Contact form	1A
Contact rating	70A 14VDC 50A 14VDC
Max. switching current	80A
Max. switching power	980W
Max. switching voltage	75VDC
Contact Resistance or voltage drop	<200Mv(70A)
Contact material	AgSnO ₂ / AgNi

CHARACTERISTICS

Insulation resistance	100MΩ at 500VDC
Dielectric strength	50Hz 500V, between coil and contacts 50Hz 500V, between open contacts
Operate time	≤ 7 ms
Release time	≤ 2ms
Vibration resistance	10 – 40Hz, double amplitude 1.5mm
Shock resistance	147m/s ² 11ms
Humidity	85% (at 40°C)
Ambient temperature	- 40°C to + 105°C
Life expectancy	
- Electrical	1 x 10 ⁵ operations
- Mechanical	1 x 10 ⁷ operations

COIL SPECIFICATIONS

	Nominal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistance (Ω±10%)	Power consumption(W)
Sensitive type	12	7.2	1.6	90	1.6
	24	14.4	3.2	360	1.6
Standard type	6	3.6	0.6	19	1.9
	12	7.2	1.2	76	1.9
	24	14.4	3.2	303	1.9

ORDERING INFORMATION

MEV4A - 012 - 1H 1 G S L D A

Model No.	Coil Voltage	Contact Form	Version	Contact Rating	Protection	Coil Power consumption	Diode	Contact Material
MEV4A	6VDC 12VDC 24VDC	1H: 1A	1: QC Terminal 2: PC Terminal	Nil: Standard G: High capacity (70A)	Nil: Dust cover S: Sealed Type	Nil: Standard type L: Sensitive type	Nil: Standard D : Diode inside 2D: Two diodes R: resistance DR: diode and resistance	Nil: AgNi A: AgSnO ₂

