

FEATURES

- 10A switching capabilities
- 2A and 2C configurations
- 5KV dielectric strength from coil to contacts
- Open contact distance more than 1.5mm is available
- UL and CUL approval, File No.: E179936

CONTACT DATA

Contact form	2A ; 2C
Contact resistance (Initial)	Max. 50mΩ (at 1A 24VDC)
Contact rating	10A 250VAC / 10A 30VDC TV-3 125VAC
Max. switching voltage	250VAC / 30VDC
Max. switching current	10A
Max. switching power	2200VA / 300W
Contact material	Silver Alloy

CHARACTERISTICS

Insulation resistance	1000MΩ, 500VDC
Dielectric strength	5000VAC, 1 min. between coil to contacts
- Standard type	1000VAC, 1 min. between open contacts
- W type(2A only)	3000VAC, 1 min. between open contacts
	3000VAC, 1min. between contacts sets
Surge voltage	10000V, between contacts and coil
Operate time	Max. 15 ms (at nominal voltage)
Release time	Max. 5 ms (at nominal voltage)
Shock resistance	Functional: 100m/s ² Destructive: 1000m/s ²
Vibration resistance	10-55Hz, 1.5mm
Ambient temperature	- 40°C to + 85°C
Humidity	98%, + 40°C
Life expectancy	
- Electrical	1 × 10 ⁵ min. operations
- Mechanical	1 × 10 ⁷ min. operations

COIL SPECIFICATIONS

- Standard Type

Nominal voltage (VDC)	Pick-up voltage VDC (Max.)	Drop-out voltage VDC (Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)
3	2.25	0.3	183	17	550
5	3.75	0.5	110	47	550
6	4.5	0.6	91.7	68	550
9	6.75	0.9	61.1	160	550
12	9	1.2	45.8	275	550
18	13.5	1.8	30.5	650	550
24	18	2.4	22.9	1100	550
48	36	4.8	11.5	4170	550
60	45	6	9.2	7000	550

- W Type

Nominal voltage (VDC)	Pick-up voltage VDC (Max.)	Drop-out voltage VDC (Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)
3	2.25	0.3	266.7	11.3	800
5	3.75	0.5	160	31	800
6	4.5	0.6	133.3	45	800
9	6.75	0.9	88.9	101	800
12	9	1.2	66.7	180	800
18	13.5	1.8	44.4	405	800
24	18	2.4	33.3	720	800
48	36	4.8	16.7	2880	800
60	45	6	13.3	4500	800

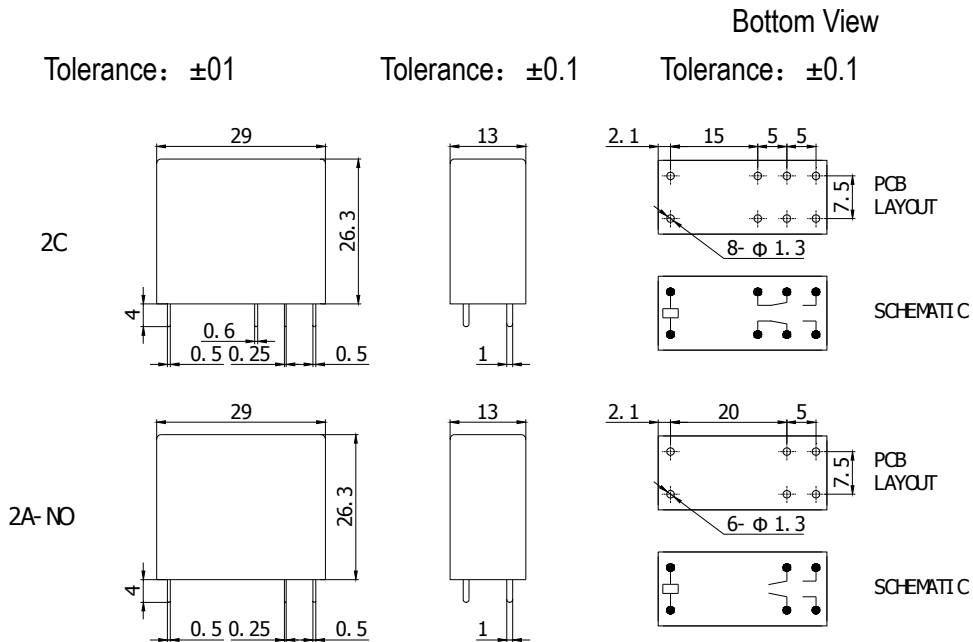
ORDERING INFORMATION

ME-140FF - 012 - 2Z S T F W

Model No.	Coil Voltage (VDC)	Contact Form	Protection	Contact Material	Insulation System	Dielectric strength for open contacts
ME-140FF	3,5,6,9,12,18, 24,48 or 60	2H: 2A 2Z: 2C	Nil: Unsealed type S: Sealed type	Nil: AgCdO T: AgSno 3: AgNi	Nil: Class B F: Class F	Nil: 1000Vac 1min, W: 3000Vac 1min,

Remark: 'W' type is for 2 form A only

DIMENSIONS (unit: mm)



Disclaimer: All the specifications are subject to change without notice.