



FEATURES

- Small size and light weight.
- Heavy contact load (30A).
- Contact arrangement Form A
- Suitable for automobile and lamp accessories application.
- Insert mounting, with metal frame
- Outline dimension: 34.6X25.2X21mm

CHARACTERISTICS

Contact arrangement	(1A)
Contact Rating(Resistive)	15A, 30A/14VDC
Max.switching power	420W
Max.switching voltage	75VDC
Min.contact load	30A
Electrical life	1×10^5 ops
Mechanical life	1×10^7 ops 300ops/min
Initial insulation resistance	500M Ω (500VDC)
Contact Resistive or Voltage drop	≤ 50 M Ω
Dielectric strength	500VAC (1min) 500VAC (1min,leakage current less than 1mA)
Release time	Max:5ms
Operate time	Max:7ms
Ambient temperature	-40℃~+125℃
Storage temperature	-40℃~+85℃
Vibration resistance	10Hz~40Hz 1.27mm
Shock resistance	147m/s ² 11ms
Termination	QC
Construction	Dust cover
Unit weight	Approx:32g
Mechanical data	Cover retention:(pull & push)200N
	Terminal retention:(pull & push)100N

CHARACTERISTICS

at 23℃

Normal voltage (VDC)	Max.voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistance ($\Omega \pm 10\%$)	Power consumption (W)	Operate time (ms)	Release time (ms)
6	7.8	3.9	1.2	20	1.8	≤ 7	≤ 5
12	15.6	7.8	2.4	80			
24	31.2	15.6	4.8	320			

- 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
- 2.Pickup and release voltage are for test purposes only and are not to be used as design criteria

ORDERING INFORMATION

Type	MAW	-1	12	-A-	1
Contact group	1 : 1group				
Coil voltage	6, 12, 24,VDC				
Contact form	A-NO				
Rating type	1:30A 2:15A				

EXTERNAL DIMENSIONS

