



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	500MΩ (500VDC)	
Contact Resistive or Voltage drop	≤50MΩ	
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 (Ω ±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

