



FEATURES

- 30A switching capability
- Ambient temp: -40℃ to 125℃
- 1 form A contact arrangement
- Dusty type
- Outline dimensions:27.3×23.0×30.2mm

CHARACTERISTICS

Contact arrangement	(1A)	
Contact material	AgSnO ₂ ,AgCdO	
Contact Rating(Resistive)	30A/14VDC, 15A/24VDC	
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	≤100MΩ	
Dielectric strength	500VAC (1min)	
	500VAC (1min,leakage current less than 1mA)	
Release time	Typ:5ms	
	Max:10ms	
Ambient temperature	-40℃~+125℃	
Storage temperature	-40℃~+85℃	
Vibration resistance	10Hz~500Hz 49m/s ² (5g)	
Shock resistance	147m/s ² (20g)	
Termination	QC	
Construction	Dust cover	
Unit weight	Approx:34g	
Mechanical data	Cover retention:(pull & push)200N	
	Terminal retention:(pull & push)100N	

COIL DATA

at 23℃

	Normal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistace (Ω ±10%)	Coil power (W)	Operate time (ms)	Release time (ms)
Standard	06	4.2	0.6	25	1.44	≤7	≤5
	12	8.4	1.2	100			
	24	16.8	2.4	400			

Pickup and release voltage are for test purposes only and are not to be used as design criteria

ORDERING INFORMATION

	MAV	-1	12	-A-	1	R
Type						
Contact group	1 : 1group					
Coil voltage	6, 12, 24VDC					
Contact form	A-NO					
Version	1-Cover without tab 2-Cover with metal tab 3-Cover with plastic tab					
Transient suppression resistor	R-with resistor D-with parallel diode Nil-without resistor					

EXTERNAL DIMENSIONS

