



FEATURES

- Small size and light weight.
- Heavy contact load (40A).
- 1 form A, 1form B, 1form C & 2 form A contact arrangement available.
- Suitable for automobile and lamp accessories application.
- PC board mounting and QCMounting available.
- Outline dimension: 26.5×26.5×24.5(+16.0)mm

CHARACTERISTICS

Contact arrangement	(1A)(1B)(1C)(2A)
Heavy contact load	1A:40A/14VDC 20A/24VDC 1B:30A/14VDC
	1C:40/30A 14VDC 2A:2×20A 14VDC 2×15A 24VDC
Max.switching voltage	75VDC
Min.contact load	1A 6VDC
Electrical life	1×10 ⁵ ops
Mechanical life	1×10 ⁷ ops 300ops/min
Initial insulation resistance	100MΩ (500VDC)
Dielectric strength	500VAC (1min)
	500VAC (1min, leakage current less than 1mA)
Operate time	≤30mΩ
Operate time	Max:7ms
Release time	Max:5ms
Ambient temperature	-40℃~+125℃
Storage temperature	-40℃~+85℃
Vibration resistance	10Hz~40Hz 1.5mm
Shock resistance	147m/s ² 11ms
Termination	QC
Construction	Dusty type
Unit weight	Approx:29g
Mechanical data	Cover retention:(pull & push)245N
	Terminal retention:(pull & push)100N
	Terminal Resistance to Bending(front & side)10N

COIL DATA

at 23℃

Normal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistance (Ω ±10%)	Parallel resistance (Ω ±5%)	Equivalent resistance (Ω ±10%)	Power consumption (W)	Max.allowable overdrive voltage(VDC)	
							20℃	85℃
6	3.9	0.6	22	-	-	1.6	10.1	7.9
6	3.9	0.6	22	180	16.9	1.8	10.1	7.9
12	7.8	1.2	85	-	-	1.7	20.2	15.7
12	7.8	1.2	85	680	75.6	1.9	20.2	15.7
24	15.6	2.4	350	-	-	1.9	40.5	31.5
24	15.6	2.4	350	2700	309.8	1.9	40.5	31.5