

Features

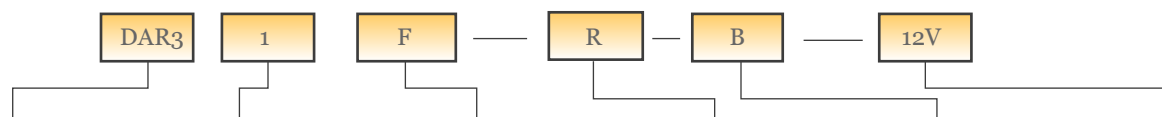
- ✦ 40 A rating at 85°C 185°F
- ✦ ISO type terminals
- ✦ High shock resistance for drop test requirements (2 meters 6.6 feet)
- ✦ Low temperture rise - all current carrying material is copper.
- ✦ Quick connect and pc board types
- ✦ Various enclosure options



Typical Applications

- ✦ Automobile

Ordering Information



Model	Contact arrangement	Protective construction	Classification	Mounting classification	Coil voltage (VDC)
High -Power Automotive Relay	1a : 1 Form A 1 : 1 Form C	Nil : Seated type F : Flux-resistant type	Nil : Standard type D : with diode inside R : with resistor inside	Nil : Quick connect type B : Bracket type	12V

Contact Specification

Type	12V coil voltage	12V coil voltage
Arrangement	1 Form A, 1 Form C	
Initial voltage drop	NO : Max. 0.5V (at 40A 12VDC) NC : Max. 0.45V (at 30A 12VDC)	NO : Max. 0.3V (at 20A 24V DC) NC : Max. 0.15V (at 10A 24VDC)
Contact material	Silver alloy	
Rating (resistive load)		
Nominal switching capacity	NO : 40A 14V DC NC : 30A 14V DC	NO : 20A 28VDC NC : 10A 28VDC
Max. switching power	NO : 560W NC : 420W	NO : 560W NC : 280W
Max. switching voltage	16VDC	32VDC
Max. switching current	See Contact Rating table	
Expected life (min. ope.)		
Mechanical (at 120 cpm)	10 ⁶	
Electrical (at rated load operating frequency 2 sec on/2 sec off)	10 ⁵ (Scaled type : 5 X 10 ⁴)	