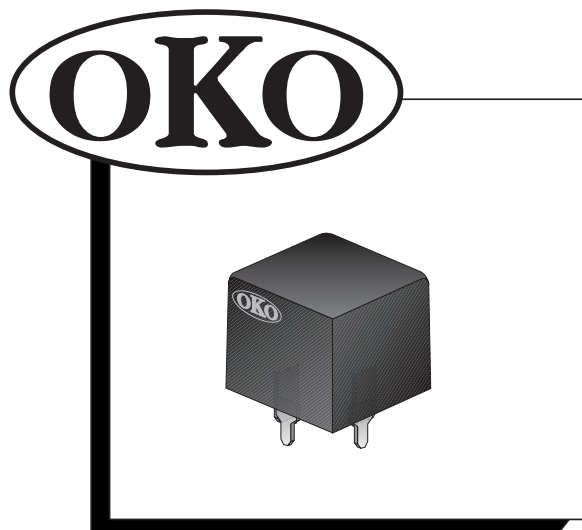


type K32DPC12



- Automotive Relay
- 1C Contact Rated up to 40A
- 12Vd.c. Coil
- PCB Terminals

SPECIFICATION

Contact Form	1C
Contact Material	Ag Alloy
Contact Rating: 1C - NO Contact - NC Contact	40A @ 14Vd.c. 30A @ 14Vd.c.
Contact Resistance (initial)	100mΩ max.
Coil Consumption D.C.	1600mW
Max. Coil Voltage	130% nominal
Operate Time	10ms max.
Release Time	10ms max.
Max. Switching Frequency (mechanical)	300 operations/minute
Max. Switching Frequency (electrical)	30 operations/minute
Insulation Resistance	100MΩ min. @ 500Vd.c.
Dielectric Strength (coil-contact)	500Va.c. 50/60Hz 1 minute
Dielectric Strength (contact-contact)	500Va.c. 50/60Hz 1 minute
Vibration Resistance	10 ~ 55Hz, 1.5mm D.A.
Shock Resistance (malfunction)	10G
Shock Resistance (mechanical)	100G
Mechanical Life	10 x 10 ⁶ operations min.
Electrical Life (at rated load)	1 x 10 ⁵ operations min.
Weight	42g
Ambient Temperature	-30°C to +80°C

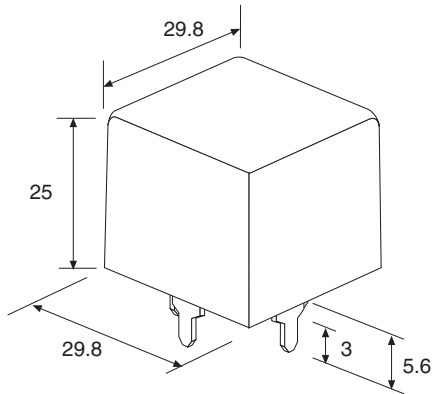
COIL DATA

At 20°C

Rated Voltage (V)	Pull-In Volts (max.) (V)	Drop-Out Volts (min.) (V)	Coil Resistance (Ω)
D.C. COILS			
12	7.8	0.84	90 ±10%

type K32DPC12

OVERALL DIMENSIONS

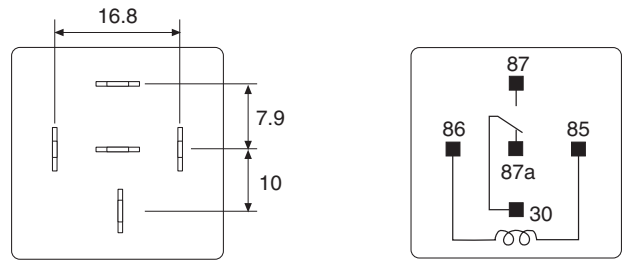


PCB terminal size : 2.1 x 0.8

All sizes in mm

MOUNTING & WIRING

Terminal view



All sizes in mm

PERFORMANCE CURVES

Maximum Switching Capacity

