

HG4141 Power Relay



■ Features

- Small size, high capacity
- Capacity up to 40A
- With DIN socket, easy to handle worldwide changeable
- Suitable for automotive applications

■ Typical Automotive Applications

- Compressor
- Fog light
- Starter
- Horn

■ Contact Data

Arrangement	1 Form A, 1 Form C	
Max. Switching Current	40A	
Rated Load	20A, 12 VDC, resistive; 15A, 12 VDC, lamp	
Initial Resistance	100 m Ω . max.	
Service Life	Mechanical	10 ⁵ operations at operating frequency of 300 ops/min
	Electrical	10 ⁴ operations

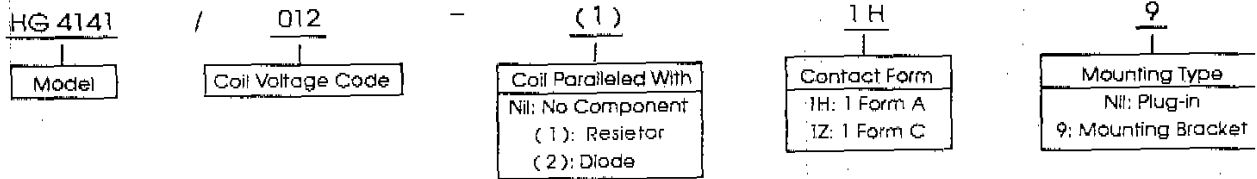
■ Characteristics

Insulation Resistance	100 M Ω .at 500 VDC
Dielectric Strength	500 Vrms
Vibration Resistance	SA 1.5 mm, 10-13 Hz; 20m/S ² 13-60 Hz
Power Consumption	1.8 W, approx.
Ambient Temperature	-40 ° C to +70 ° C
Weight	29 g, approx.

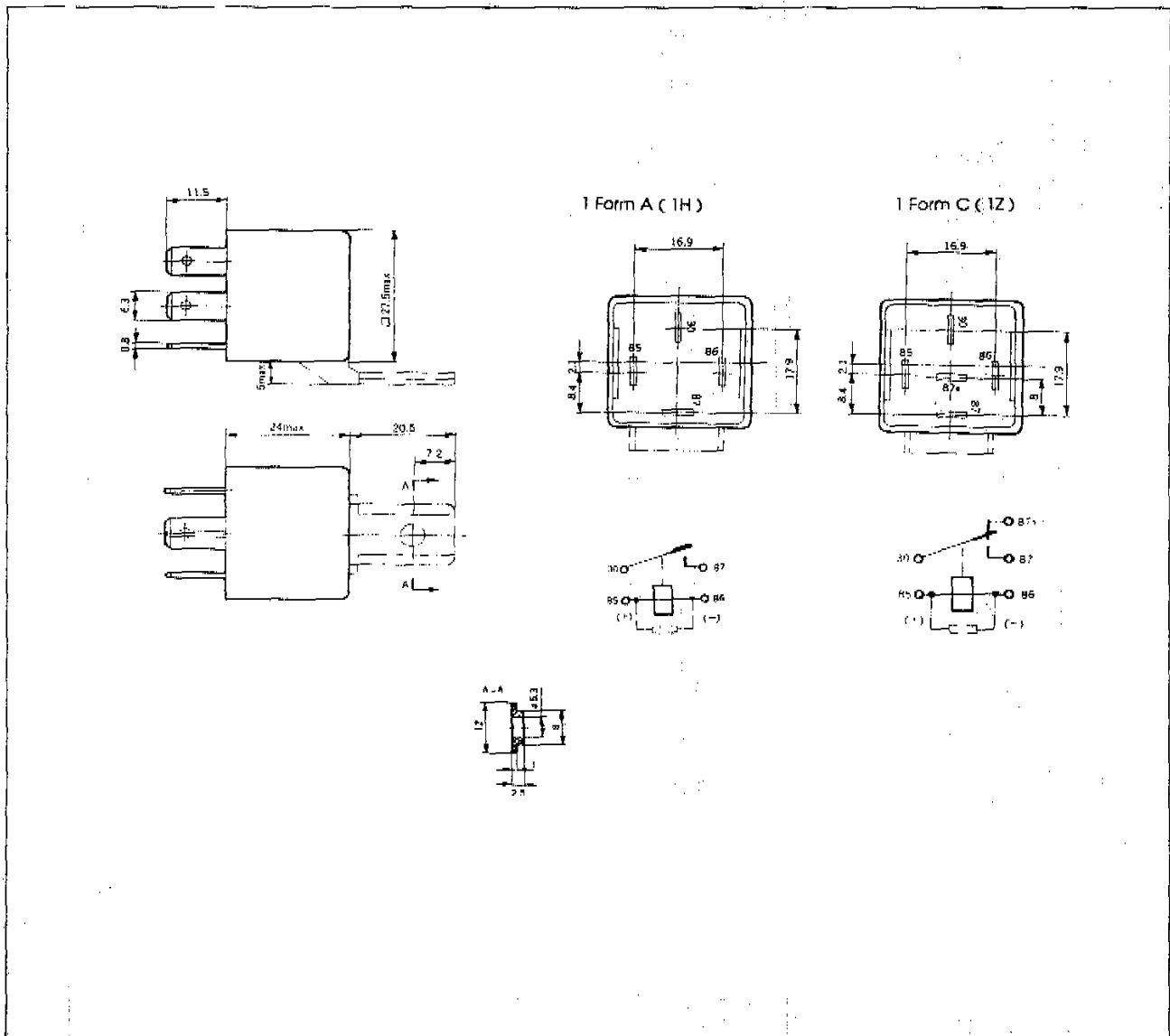
■ Coil Data

Coil Voltage Code	Nominal Voltage (VDC)	Resistance (Ω) \pm 10 %	Nominal Current (mA)	Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)
006	6	22	300	4,5	1,2
012	12	95	150	8,5	2,5
024	24	330	75	16,8	4,8

■ Order Designation



■ Overall Dimensions, Wiring Diagram



Notes:

1. All values, unless otherwise specified, are measured at ambient temperature of 23° C.