

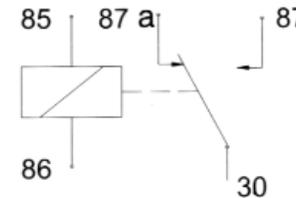
**Coil Data**

Nominal voltage at 20°C	
50-836H-0:	14VDC
50-837H-0:	28VDC
Coil resistance at 20°C	
50-836H-0:	80Ω ± 10%
50-837H-0:	360Ω ± 10%
Pick up voltage (Max):	65% of rated voltage
Drop out voltage (Min):	10% of rated voltage
Power consumption at rated voltage:	1.6W aprox.

**Specification**

Contact material:	AgSnO alloy
Contact resistance:	50mΩ Max.
Insulation resistance:	20MΩMin. (DC500V)
Operate time:	20ms Max.
Release time:	20ms Max.
Dielectric strength:	AC500V, 50/60Hz 1Min.
Vibration resistance:	10 ~ 55 Hz , amplitude 2 mm
Life expectancy for mechanical:	10 <sup>7</sup> operations (frequency 18,000 operations/hr)
Life expectancy for electrical:	10 <sup>5</sup> operations (frequency 1,200 operations/hr)
Operating temperature:	-40°C ~ +125°C (no freezing)
Weight:	Approx. 40 g

**WIRING DIAGRAM**



TITLE		SCALE
<b>AUTOMOTIVE RELAY</b>		<b>NTS</b>
DRAWING NO. <b>50-836(7)H</b>		
		UNITS mm (in)
FILE NAME	50-836(7)H.pdf	SHEET 1/1



**Mode Electronics Part Number 50-836(7)H-0**