



ISO 9001 ISO14001

Part No.

**HRA9**

Automotive Wiper Control

**Features:**

- ↳ Size :30×30× 31.0(mm)
- ↳ Wiper operation control
- ↳ Motor load 50W



**Odering Information**

HRA9 - DC12V - X  
 ①                      ②                      ③

- ① Part No.
- ② Coil Voltage :  
DC 12
- ③ Special requirment

**Specification:**

		Characteristics	
Wipeing time:	3.5S+2.5S	Vibration Sine	10Hz-200Hz 49m/s <sup>2</sup>
		resistance Random	10Hz-1000Hz 19.6m/s <sup>2</sup>
Intermittent time	5.5S+1.5S		
		Shock Resistace	196m/s <sup>2</sup>
		Ambient Temperature	-40 °C to 85°C
Electrical Life	1*10 <sup>5</sup>	Weigt	Approx. 28g

Nominal Voltage VDC	Operate Voltage VDC	Normal Motor Load
12	9-16	50w

**Dimension(mm)**

