

## **RESISTOR SET - high power. set / 8**

**EM2710-002      5% accuracy**

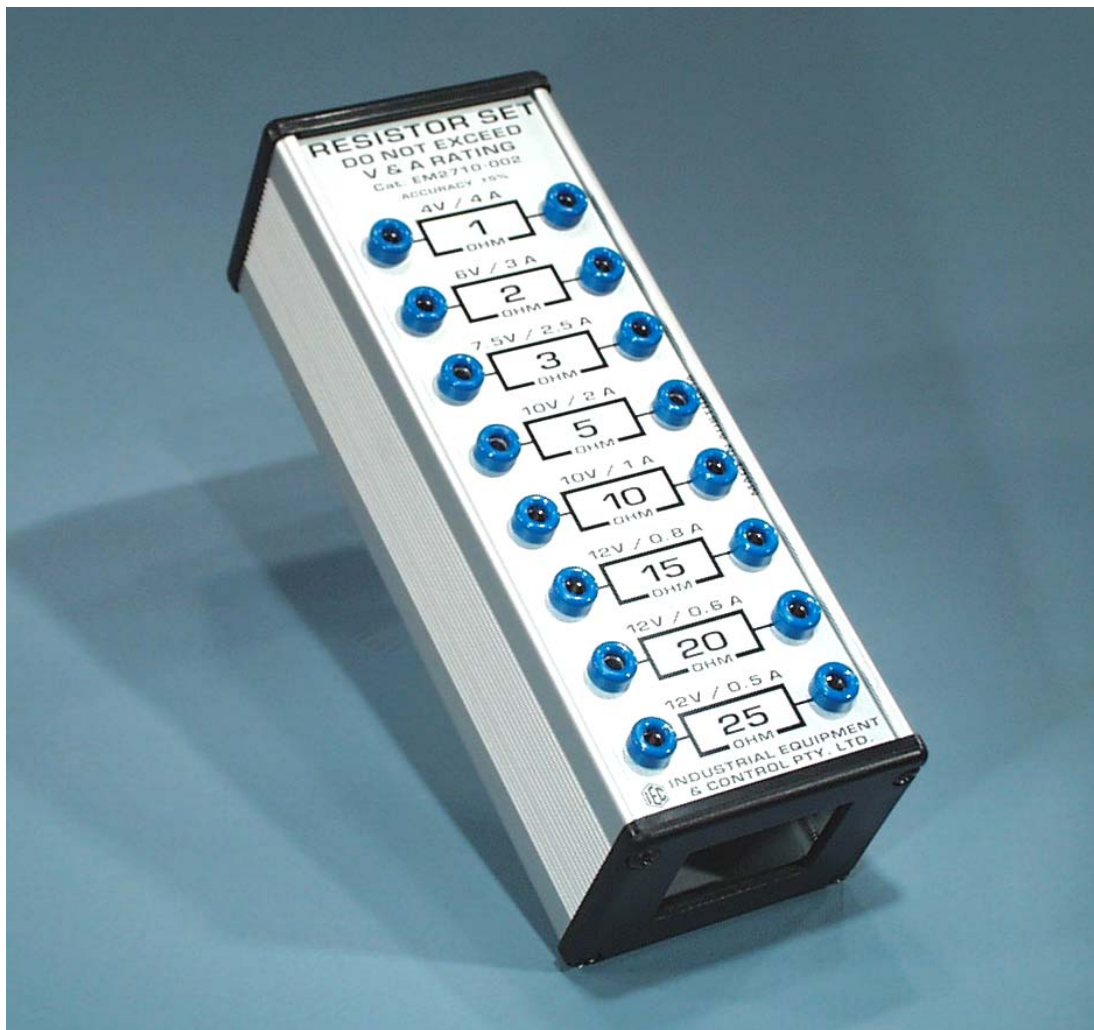
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### **DESCRIPTION:**

The IEC **High Power Resistor Set** consists of 8x resistors mounted in a robust ventilated enclosure and each is individually terminated to 4mm banana sockets. The resistors can be interconnected and connected into circuits directly with 4mm banana plugs.

They can easily be connected in series and parallel for experiments.

### **EM2710-002 resistor set / 8    high power**



**Physical size:** 195x72x60mm LxWxH

**Weight:** 0.35 kg

**ACCURACY:** within +/- 5% of marked value.

**POWER:** Because of the low values of resistance, there is a limit to the voltage that can be applied to each resistor without overloading or damaging the resistor. The maximum permissible voltage and current for each resistor is marked on the front panel.



**CAUTION:** These resistors are to be used in circuits and are not to be applied directly to power sources. The resistance values are very low and, if a power source is connected directly, heavy currents will flow. Very high power resistors have been used to permit a reasonable degree of overloading before damage occurs.

The listing below shows the maximum voltages that may be applied to each resistor before they will be overheated and burn out.

The values are:

<b>RESISTANCE OHMS</b>	<b>MAX.VOLTS</b>	<b>MAX AMPS</b>	<b>MAX DISSIPATION</b>
<b>1.0</b>	<b>4</b>	<b>4</b>	<b>4</b>
<b>2.0</b>	<b>6</b>	<b>3</b>	<b>12</b>
<b>3.0</b>	<b>7.5</b>	<b>2.5</b>	<b>18</b>
<b>5.0</b>	<b>10</b>	<b>2</b>	<b>20</b>
<b>10.0</b>	<b>10</b>	<b>1</b>	<b>10</b>
<b>15.0</b>	<b>12</b>	<b>0.8</b>	<b>10</b>
<b>20.0</b>	<b>12</b>	<b>0.6</b>	<b>8</b>
<b>25.0</b>	<b>12</b>	<b>0.5</b>	<b>6</b>

**Designed and manufactured in Australia**