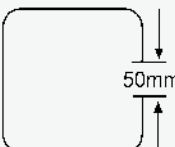

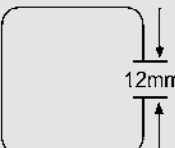

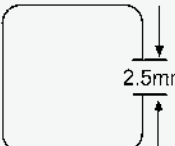
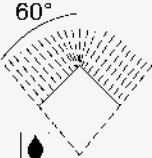
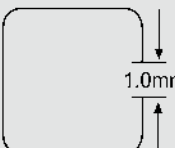
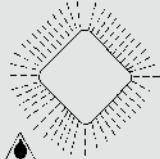

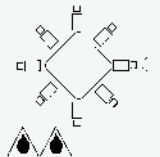
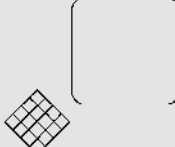
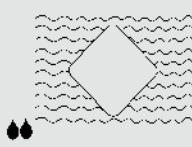
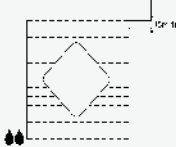
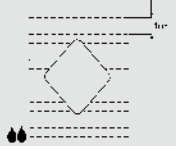




**IP Ratings (Ingress Protection)**

**IP54 = IP Letter Code** ----- **IP**  
**1st Digit** ----- **5**  
**2nd Digit** ----- **4**

1st Digit	Protection from solid objects	2nd Digit	Protection from moisture
<b>0</b>	<b>Non protected</b>	<b>0</b>	<b>Non protected</b>
<b>1</b>	 <p>Protected against solid objects greater than 50mm</p>	<b>1</b>	 <p>Protected against dripping water</p>
<b>2</b>	 <p>Protected against solid objects greater than 12mm</p>	<b>2</b>	 <p>Protected against dripping water when tilted up to 15°</p>
<b>3</b>	 <p>Protected against solid objects greater than 2.5mm</p>	<b>3</b>	 <p>Protected against spraying water</p>
<b>4</b>	 <p>Protected against solid objects greater than 1.0mm</p>	<b>4</b>	 <p>Protected against splashing water</p>
<b>5</b>	 <p>Dust protected</p>	<b>5</b>	 <p>Protected against water jets</p>
<b>6</b>	 <p>Dust tight</p>	<b>6</b>	 <p>Protected against heavy seas</p>
<p>Note: EN 60529 does not specify sealing effectiveness against the following:  mechanical damage of the equipment; the risk of explosions; certain types of moisture conditions, e.g. those that are produced by condensation; corrosive vapours; fungus; vermin</p>		<b>7</b>	 <p>Protected against the effects of immersion</p>
		<b>8</b>	 <p>Protected against submersion</p>