

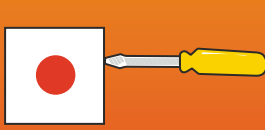












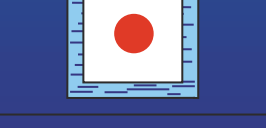
# Ingress Protection ratings

## PROTECTION AGAINST SOLIDS

	TEST	PROTECTION
<b>x</b>	No test applied	No specific protection
<b>0</b>	No test applied	Inherent degree of protection
<b>1</b>		Protected against solid objects equal to or greater than 50mm diameter. (eg. accidental contact with hand)
<b>2</b>		Protected against solid objects equal to or greater than 12.5mm diameter. (eg. contact with finger)
<b>3</b>		Protected against solid objects equal to or greater than 2.5mm diameter. (eg. tools and wires)
<b>4</b>		Protected against solid objects equal to or greater than 1mm diameter. (eg. fine tools and wires)
<b>5</b>		Protected against quantities of dust that could interfere with satisfactory operation.
<b>6</b>		Completely protected against dust.

Defined by IEC 60529  
DIN 40050 CEI 70-1

## PROTECTION AGAINST LIQUIDS

	TEST	PROTECTION
<b>x</b>	No test applied	No specific protection
<b>0</b>	No test applied	Inherent degree of protection
<b>1</b>		Protected against drops of water falling vertically.
<b>2</b>		Protected against drops of water falling at up to 15 degrees from the vertical.
<b>3</b>		Protected against spraying water at up to 60 degrees from the vertical.
<b>4</b>		Protected against splashing water from all directions.
<b>5</b>		Protected against jets of water from all directions.
<b>6</b>		Protected against jets of water of similar force to heavy seas.
<b>7</b>		Protected against the effects of temporary immersion.
<b>8</b>		Protected against the effects of continuous immersion.

Defined by IEC 60529