



## IP (INGRESS PROTECTION) RATING CHART

SOLIDS	WATER
<b>0</b> Not rated for protection or not rated for protection	<b>0</b> Not rated for protection or not rated for protection
<b>1</b> Protection against solid objects larger than 50mm, but not against deliberate contact (contact with open hand palm)	<b>1</b> Protection against vertical falling water droplets (condensation)
<b>2</b> Protection against solid objects larger than 12mm (contact from finger)	<b>2</b> Protection against vertically falling water droplets when tilted at 15 degrees
<b>3</b> Protection against solid objects larger than 2.5mm (wire or tools)	<b>3</b> Protection against moisture spray at up to 60 degree angles
<b>4</b> Protection against solid objects larger than 1mm (slender screws or nails, larger insects or potentially invasive small objects)	<b>4</b> Protection against splashing water from any direction for a minimum of 10 minutes
<b>5</b> Partial protection against dust and similar particles	<b>5</b> Protection against low-pressure jets of water
<b>6</b> Full protection against dust and other similar particles	<b>6</b> Protection against powerful jets of water at a rate of 100 litres per minutes (100kPa of pressure at a distance of 3m for 15 minutes)
IP RATING EXAMPLE:  <b>IP 6 5</b>	<b>7</b> Protected against full immersion up to 1m in depth for 30 minutes. Always check manufacture specifics for products with this rating
	<b>8</b> Protection against full immersion up to 1 metre or more in depth for more than 30 minutes. Always check manufacture specifics for products with this rating.