

1 <sup>st</sup> Digit	Protection Against Solid Bodies	2 <sup>nd</sup> Digit	Protection Against Liquids
<b>0</b>	No protection	<b>0</b>	No protection
<b>1</b>	Protection against solid objects over 50 mm. (e.g. accidental touch by hand)	<b>1</b>	Protection against vertically falling drops of water.
<b>2</b>	Protection against solid objects over 12 mm. (e.g. fingers)	<b>2</b>	Protection against drops of water falling at an angle up to 15° from vertical.
<b>3</b>	Protection against solid objects over 2.5 mm. (e.g. tools, wires)	<b>3</b>	Protection against rain falling at an angle up to 60° from vertical.
<b>4</b>	Protection against solid objects over 1 mm. (e.g. tools, small wires)	<b>4</b>	Protection against water splashing from all directions.
<b>5</b>	Protection against dust – limited ingress. ( no harmful deposits)	<b>5</b>	Protect against jets of water from any direction.
<b>6</b>	Complete protection against dust.	<b>6</b>	Protection against strong jets of water from any direction. (e.g. sea waves)
		<b>7</b>	Protection against temporary immersion between 15mm and 1m depth
		<b>8</b>	Protection against prolonged immersion under pressure.

For more detailed information, please refer to IEC Standard IEC60529