

IEC 60529 is an international standard that was created for the purpose of clarifying the capability of an enclosure to protect the contents from solid and liquid bodies.

## IP ??



### Protection against solid bodies

	<b>0</b>	No Protection
	<b>1</b>	Protected against solid bodies larger than 50 mm (e.g. a hand)
	<b>2</b>	Protected against solid bodies larger than 12 mm (e.g. a finger)
	<b>3</b>	Protected against solid bodies larger than 2.5 mm (tools, wires)
	<b>4</b>	Protected against solid bodies larger than 1 mm (fine tools, small wires)
	<b>5</b>	Protected against dust (no harmful deposits)
	<b>6</b>	Totally dust tight

### Protection against liquids

	<b>0</b>	No Protection
	<b>1</b>	Protected against vertically falling water droplets (condensation)
	<b>2</b>	Protected against water droplets deflected at up to 15° from vertical
	<b>3</b>	Protected against rainwater at up to 60° from vertical
	<b>4</b>	Protection against water spray from all directions
	<b>5</b>	Protected against low - pressure water jets from all directions
	<b>6</b>	Protected against powerful water jets from all directions
	<b>7</b>	Protected against the effects of immersion
	<b>8</b>	Protected against prolonged effects of immersion under pressure

Enclosures
Hinges
Locks
Handles
Accessories
Rotary Operating Handles
Insulators
Transformer Equipment
Index