




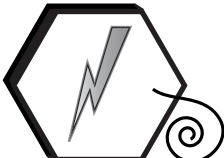
IP (Ingress Protection) Ratings Guide

Solids


1  Protection against solid objects greater than 50mm.

2  Protection against solid objects greater than 12.5mm.


3  Protection against solid objects greater than 2.5mm.


4  Protection against solid objects greater than 1mm.


5  Protection against dust. Limited ingress, but not harmful.


6  Dust Tight. No ingress of dust; complete protection against contact. 2 to 8 hours.

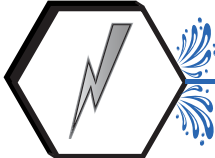
Water

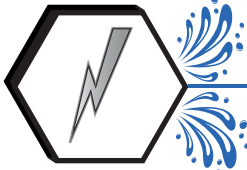
1  Protection against dripping water (vertically falling drops). Limited ingress permitted.

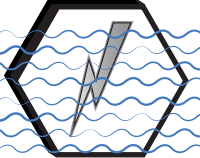
2  Protection against vertically dripping water when the enclosure is tilted at an angle up to 15°. Limited ingress permitted.

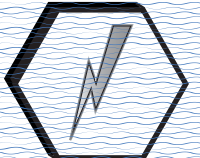
3  Protection against sprays of water up to 60°. Limited ingress permitted up to 3 minutes.

4  Protection against water splashing against the enclosure from any direction. Limited ingress permitted.

5  Protection against water projected by a nozzle (6.3mm) against enclosure from any direction. Limited ingress permitted.

6  Protection against water projected in powerful jets (12.5mm nozzle) against the enclosure from any direction.

7  Protection against immersion in water between 15cm and 1m for 30 minutes.

8  Protection against the effect of immersion in water under pressure for long periods.

Ingress Protection Example:

IP 65
Solids Water

