

Ingress Protection (IP) Ratings Guide

Example:


(Ingress Protection)

IP24H

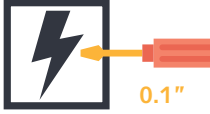
OPTIONAL RATING

SOLIDS

WATER

1  Protection against solid object greater than 2" (50mm).

2  Protection against solid object greater than 0.5" (12.5mm).

3  Protection against solid object greater than 0.1" (2.5mm).

4  Protection against solid object greater than 0.04" (1mm).

5  Limited ingress of dust. Will not interfere with equipment.

6  No ingress of dust permitted.

X Protection level not formally tested.

H High voltage apparatus.

M Motion during water test.

S Stationary during water test.

W Weather conditions.

1  Protection against vertically falling droplets.

2  Protection against vertically falling droplets when tilted up to 15°.


3  Protection against spraying water up to an angle of 60°.

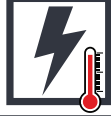
4  Protection against splashes of water in all directions.

5  Protection against low pressure jets of water.

6  Protection against high pressure jets of water.

7  Protection against immersion in water between 6" and 39.4" deep for 30 minutes.

8  Protection against continuous immersion in water greater than 39.4" deep for longer than 30 minutes.

9K  Protection from close-range, high pressure, high temperature water jets.

X Protection level not formally tested.