
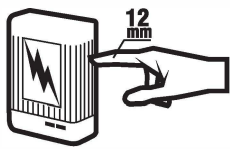
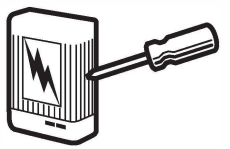

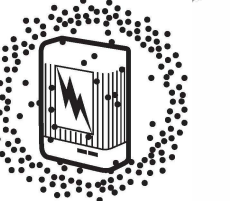
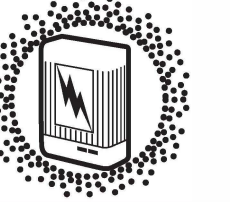


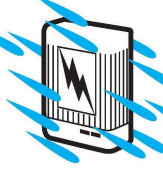


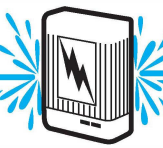
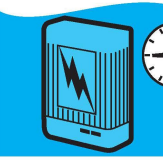



# IP (Ingress Protection) Ratings Guide

## SOLIDS

<b>1</b>		Protected against a solid object greater than 50 mm such as a hand.
<b>2</b>		Protected against a solid object greater than 12.5 mm such as a finger.
<b>3</b>		Protected against a solid object greater than 2.5 mm such as a screwdriver.
<b>4</b>		Protected against a solid object greater than 1 mm such as a wire.
<b>5</b>		Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours.
<b>6</b>		Dust tight. No Ingress of dust. Two to eight hours.

## WATER

<b>1</b>		Protected against vertically falling drops of water. Limited ingress permitted.
<b>2</b>		Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical. Limited ingress permitted.
<b>3</b>		Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted for three minutes.
<b>4</b>		Protected against water splashed from all directions. Limited ingress permitted.
<b>5</b>		Protected against jets of water. Limited ingress permitted.
<b>6</b>		Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.
<b>7</b>		Protection against the effects of immersion in water between 15 cm and 1 m for 30 minutes.
<b>8</b>		Protection against the effects of immersion in water under pressure for long periods.

Rating Example:

**IP65**

INGRESS PROTECTION