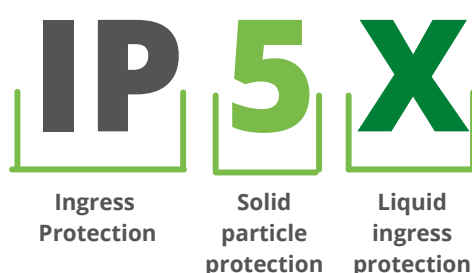


IP RATING INDEX CHART



FIRST DIGIT - Protection from foreign body and particulate ingress

SECOND DIGIT - Protection from moisture ingress

0 (or X - see section below): Not rated (or no rating supplied) for protection against ingress of this type.	0 (or X - see section below): Not rated (or no rating supplied) for protection against ingress of this type.
1 Protection against solid objects larger than 50mm (accidental hand contact with open palm), but not against deliberate body contact.	1 Protection against vertically falling droplets, such as condensation, sufficient that no damage or interrupted functioning of components will be incurred when an item is upright.
2 Protection against solid objects larger than 12mm (accidental finger contact).	2 Protection against vertically dripping water when enclosure is tilted up to 15° off vertical.
3 Protection against solid objects larger than 2.5mm (tools and wires).	3 Protection against direct moisture spray at angles up to 60° off vertical.
4 Protection against solid objects larger than 1mm (fine tools and wires, nails, screws, larger insects and other potentially invasive small objects)	4 Protection against splashing water from any direction, tested for a minimum of 10 minutes with an oscillating spray (limited ingress permitted with no harmful effects).
5 Partial protection against dust and other particulates, such that any ingress will not damage or impede the satisfactory performance of internal components.	5 Protection against low-pressure jets (6.3 mm) of directed water from any angle (limited ingress permitted with no harmful effects).
6 Full protection against dust and other particulates, including a vacuum seal, tested against continuous airflow.	6 Protection against powerful jets (12.5 mm nozzle) of directed water from any direction.
	7 Protection against full immersion for up to 30 minutes at depths between 15 cm and 1 metre (limited ingress permitted with no harmful effects).
	8 Protection against full immersion for up to 30 minutes at depths between 15 cm and 1 metre (limited ingress permitted with no harmful effects).
	9 Protection against high-pressure, high-temperature jet sprays, wash-downs or steam-cleaning procedures - most often seen in specific road vehicle applications