



IP (INGRESS PROTECTION) RATING CHART

SOLIDS	WATER
0 Not rated for protection or not rated for protection	0 Not rated for protection or not rated for protection
1 Protection against solid objects larger than 50mm, but not against deliberate contact (contact with open hand palm)	1 Protection against vertical falling water droplets (condensation)
2 Protection against solid objects larger than 12mm (contact from finger)	2 Protection against vertically falling water droplets when tilted at 15 degrees
3 Protection against solid objects larger than 2.5mm (wire or tools)	3 Protection against moisture spray at up to 60 degree angles
4 Protection against solid objects larger than 1mm (slender screws or nails, larger insects or potentially invasive small objects)	4 Protection against splashing water from any direction for a minimum of 10 minutes
5 Partial protection against dust and similar particles	5 Protection against low-pressure jets of water
6 Full protection against dust and other similar particles	6 Protection against powerful jets of water at a rate of 100 litres per minutes (100kPa of pressure at a distance of 3m for 15 minutes)
IP RATING EXAMPLE: IP 6 5	7 Protected against full immersion up to 1m in depth for 30 minutes. Always check manufacture specifics for products with this rating
	8 Protection against full immersion up to 1 metre or more in depth for more than 30 minutes. Always check manufacture specifics for products with this rating.