

IP RATINGS

First Number	Second Number	[Third Number]
0. No Protection	0. No Protection	0. No Protection
1. Protected against solid objects of more than 50mm eg. accidental touch by hands	1. Protected against water falling vertically (condensation)	1. Protected against 0.225J impact eg. 150g weight falling from 15cm height
2. Protected against solid objects of more than 12mm eg. Fingers	2. Protected against direct sprays up to 15 deg from vertical eg. 250g weight falling from 15cm height	2. Protected against 0.375J impact
3. Protected against solid objects of more than 2.5mm eg. tools and wires	3. Protected against direct sprays up to 60 deg from vertical	3. Protected against 0.5J impact eg. 250g weight falling from 20cm height
4. Protected against solid objects of more than 1mm eg. tools, wire and small wires	4. Protected against sprays from all directions (limited ingress permitted)	4. Protected against 2.0J impact eg. 500g weight falling from 40cm height
5. Protected against dust (limited ingress permitted) (limited ingress permitted)	5. Protected against low pressure jets from all directions from 40cm height	5. Protected against 6.0J impact eg. 1.5kg weight falling
6. Protected against dust (totally) pressure jets from all directions. (limited ingress permitted) eg. for use on shipdecks.	6. Protected against high eg. 5kg weight falling from 40cm height	6. Protected against 20.0J impact
	7. Protected against immersion between 15cm and 1m	
	8. Protected against immersion under pressure	