

IP Ratings

First digit	Mechanical Protection	Second digit	Water ingress protection
0	No protection	0	No protection
1	Protected against solid objects over 50mm, e.g. accidental touch by hands	1	Protected against vertically falling drops of water e.g. condensation
2	Protected against solid objects over 12mm, e.g. fingers	2	Protected against direct sprays of water up to 15 ° from the vertical
3	Protected against solid objects over 2.5mm, e.g. tools & wires	3	Protected against direct sprays of water up to 60 ° from the vertical
4	Protected against solid objects over 1mm, e.g. wires, nails etc.	4	Protected against water splashed from all directions, limited ingress permitted
5	Protected against dust limited ingress, not harmful deposits	5	Protected against low-pressure jets of water from all directions, limited ingress permitted
6	Totally protected against dust	6	Protected against strong jets of water e.g. on the deck of the ship, limited ingress permitted