Standards, zone definitions & product markings Index of ingress protection

IP Ratings

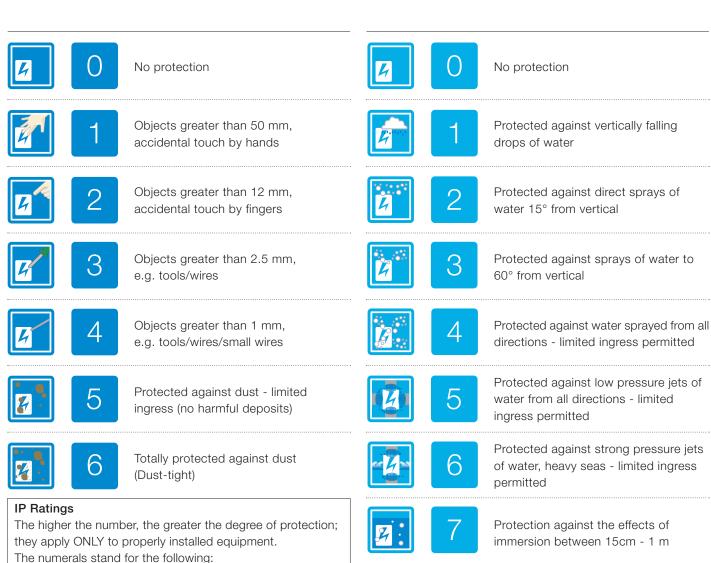
IP suitability ratings are a system for classifying the degree of protection provided by enclosures of electrical equipment.

Protection against Solid Bodies

Degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects.

Protection against Water

Degree of protection of equipment inside enclosures against damage from the ingress of water.



The second digit stands for: Protection against Water

IP69k Automotive standard DIN40050 and signifies resistance to high pressure jets of water (up to 80bar) from any angle

Protection against long periods of

e.g. 2 bar at 24 hours

immersion under a quoted pressure,

The first digit stands for: Protection against Dust