

Ingress Protection (IP) Rating according to EN 60529/DIN 40050

IP suitability ratings are a system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number, the greater the degree of protection; they apply ONLY to properly installed equipment. The numerals stand for the following:



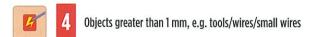


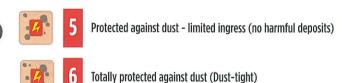
Protection against Solid Bodies

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



E S	3	Objects greater than 2.5 mm, e.g. tools/wires
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Protection against Water

Degree of protection of equipment inside enclosures against damage from



H	5	Protected against low pressure jets of water from all directions - limited ingress permitted

Protected against strong pressure jets of water, heavy

E.	7	Protection against the Effects of immersion between 15cm - 1 m

seas- limited ingress permitted

Protection against long periods of immersion un quoted pressure. E.g. 2 bar at 24 hours	nder a	a
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91	k	IP69k Automotive standard DIN40050 and signifies resistance to high pressure jets of water (up to 80bar) from any angle.
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