BOSS

IP Ratings / Classifications

Most Common IP ratings are 65, 66, 67, and 68

IP (or "Ingress Protection") ratings are defined in international standard EN 60529 (British BS EN 60529:1992, European IEC 60509:1989). They are used to define levels of sealing effectiveness of electrical enclosures against intrusion from foreign bodies (tools, dirt etc) and moisture.

Rating	Quick Reference Of Each Rating
IP65	IP rated as "dust tight" and protected against water projected from a nozzle.
IP66	IP rated as "dust tight" and protected against heavy seas or powerful jets of water.
IP67	IP rated as "dust tight" and protected against immersion. for 30 minutes at depths 150mm - 1000mm
IP68	IP rated as "dust tight" and protected against complete, continuous submersion in water.