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ROCK AROUND THE BLOCK™

IP Ratings for Electrical Equipment

Many of our products have IP Ratings - Eg our 24V Transformers are rated IP67.
 The first number defines the level of protection against penetration of solid objects into the housing.
 The second number defines the level of protection against penetration of liquids into the housing.

First Number	Degree of Protection	Second Number	Degree of Protection
0	No protection against contact or entry of solids.	0	No protection
1	Protection against: <ul style="list-style-type: none"> • Accidental contact by hand, but not deliberate contact. • Large objects (> 50mm). 	1	Protection against drops of condensed water. Condensed water falling on housing shall have no effect.
2	Protection against: <ul style="list-style-type: none"> • Contact by fingers. • Medium-sized foreign objects (> 12mm). 	2	Protection against drops of liquid. Drops of falling liquid shall have no effect when housing is tilted to 15 degrees from vertical.
3	Protection against: <ul style="list-style-type: none"> • Contact by tools, wire etc. • Small foreign objects (> 2.5mm) 	3	Protection against rain. No harmful effect from rain at angle less than 60 degrees from vertical.
4	Protection against: <ul style="list-style-type: none"> • Contact by small tools and wires. • Small foreign objects (> 1mm). 	4	Protection against splashing from any direction.
5	Complete protection against: <ul style="list-style-type: none"> • Contact with live or moving parts. Protection against: <ul style="list-style-type: none"> • Harmful deposits of dust. 	5	Protection against water jets from any direction.
6	Complete protection of: <ul style="list-style-type: none"> • Live or moving parts. Protection against: <ul style="list-style-type: none"> • Penetration of dust. 	6	Protection against conditions on a ship's deck. Water from heavy seas will not enter.
		7	Protection against immersion in water. Water will not enter understated conditions of pressure and time.
		8	Protection against indefinite immersion in water under a specified pressure.

We Sell...

Hozelock Cyprio Pond Pumps, Bioforce Purifiers & UV Clarifiers, Hozelock Cyprio and Ferguson Aquatran Low Voltage Garden & Pond Lighting, Resun, Bianco Pumpz and Sunsun Pond Pumps, and Firestone PondGuard EPDM Rubber Pond Liner,