

IP RATING

Quick Reference Guide

	SOLIDS*/DUST				WATER	
1	50 mm	Protected against solid object greater than 50mm such as a hand to reach live parts.		1		Protected against vertically falling drops of water. Limited ingress permitted. Duration 10 min.
2	12mm	Protected against solid object greater than 12mm such as a finger to reach live parts.		2		Protected against sprays of water with enclosure tilted up to 15° from vertical. Duration 10 min, shall have no harmful effect
3	2,5mm	Protected against a solid object greater than 2.5mm such as a screwdriver to reach live parts.		3		Protected against sprays of water up to 60° from vertical. Duration 5 min, shall have no harmful effect.
4		Protected against a solid object greater than 1mm such as a wire to reach live parts.		4		Protected against water splashed from all directions. Duration 5 min, shall have no harmful effect.
5		Dust protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. 2-8 hours.		(5)		Protected against jets of water. Duration 3 min, shall have no harmful effect.
6		Dust tight. No ingress of dust. 2-8 hours.		6		Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.
IP65				7	13-100cm	Protected against the effect of immersion in water. Depth 15-100cm for duration of 30 min.
			8		Protected against the effect of immersion in water under pressure for long periods.	

^{*} Solids not to reach live parts