







SOLIDS

0		Non protected.
1		Protected against a solid object greater than 50mm, such as a hand.
2		Protected against a solid object greater than 12mm, such as a finger.
3		Protected against a solid object greater than 2.5mm, such as a screwdriver.
4		Protected against a solid object greater than 1mm, such as most screws and wires.
5		Dust protected. Prevents ingress of dust sufficient to cause harm.
6		Dust tight. No ingress of dust.

WATER

0		Non protected.
1		Protected against vertical dripping water. Limited liquid entry.
2		Protected against vertical dripping water when tilted up 15°. Limited liquid entry.
3		Protected against vertical spraying water at an angle up to 60°. Limited liquid entry.
4		Protected against vertical spraying water at an angle up to 60°. Limited liquid entry.
5		Protected against jets of water from all directions. Limited liquid entry.
6		Protected against strong jets water from all directions. Limited liquid entry.
7		Protected against the effects of water immersion between 15cm & 1m.
8		Protected against the effects of water immersion between 15cm & 1m.
9		Protected against high temperature, high pressure water and steam.

I P 6 5
EXAMPLE RATING

THIS CERTIFIES THAT THIS FITTING IS PROTECTED
FROM INTRUSION, DUST, ACCIDENTAL CONTACT
AND WATER