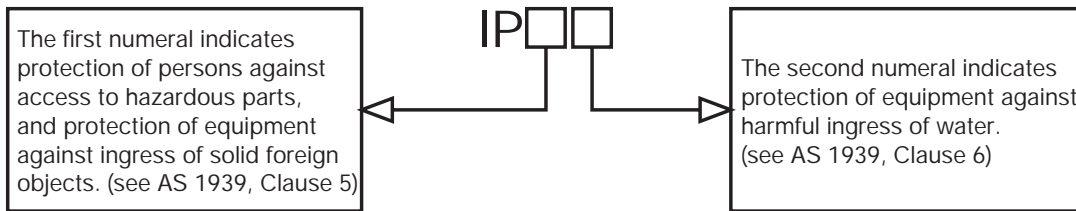


IP RATING CHART

Protection of persons and protection of equipment indicated by the IP code.

Protection provided by enclosures for electrical equipment is indicated by the IP codes two:

CHARACTERISTIC NUMERALS



The "flash" symbol indicates hazardous parts (live or moving)



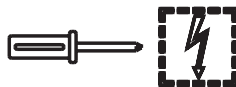
X Protection unspecified (untested)

0 Non-protected

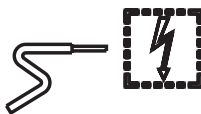
1 Protection of the back of the hand against accidental access to hazardous parts, and protection of equipment against objects larger than 50mm.



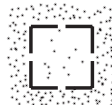
2 Protection of fingers against access to hazardous parts, and protection of equipment against objects larger than 12.5mm.



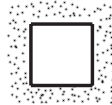
3 Protection of persons holding tools or wires (larger than 2.5mm diameter), and protection of equipment against objects larger than 2.5mm (e.g. ball bearings)



4 Protection of persons holding small tools or wires (larger than 1mm diameter), and protection of equipment against objects larger than 1mm. (e.g. ball bearings)



5 Protection against entry of dust in sufficient quantity to interfere with satisfactory operation of equipment.



6 Complete protection against entry of dust.



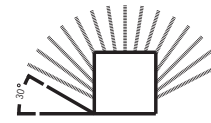
X Protection unspecified (untested)

0 Non-protected

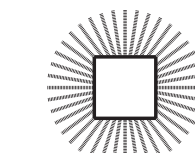
1 Protection against drops of water falling vertically.



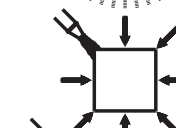
2 Protection against drops of water falling vertically when the object is tilted up to 15° from its normal position (in any direction)



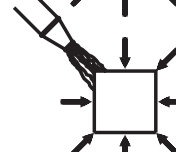
3 Protection against spraying water at up to 60° from the vertical.



4 Protection against splashing and spraying water from all practicable directions.



5 Protection against low pressure jets of water from all practicable directions.



6 Protection against heavy seas or a strong jet of water from all practicable directions.



7 Protection against temporary immersion.



8 Protection against continuous submersion (tests subject to agreement, but no less severe than second numeral 7)

