

IP RATING EXPLAINED

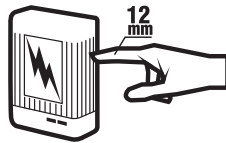
The IP Code, or Ingress Protection Rating, consists of the letters IP followed by two digits.

SOLIDS

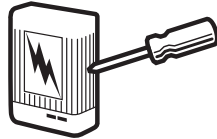
1 Protected against a solid object greater than 50 mm such as a hand.



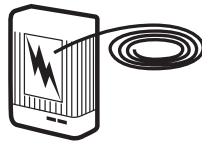
2 Protected against a solid object greater than 12.5 mm such as a finger.



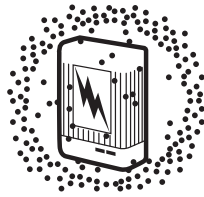
3 Protected against a solid object greater than 2.5 mm such as a screwdriver.



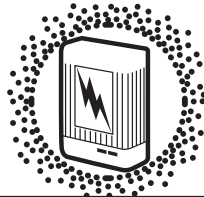
4 Protected against a solid object greater than 1 mm such as a wire.



5 Dust protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. 2 to 8 hours.



6 Dust tight. No ingress of dust. 2 to 8 hours.



WATER

1 Protected against vertically falling drops of water. Limited ingress permitted.



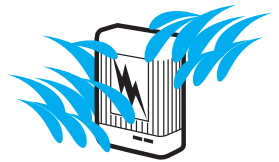
2 Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical limited ingress permitted.



3 Protected against sprays of water up to 60 degrees from the vertical limited ingress permitted for 3 minutes.



4 Protected against water splashed from all directions. Limited ingress permitted.



5 Protected against jets of water. Limited ingress permitted.



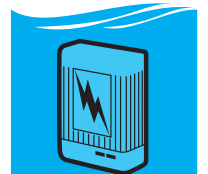
6 Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.



7 Protection against the effects of immersion in water between 15 cm and 1 m for 30 minutes



8 Protection against the effects of immersion in water under pressure for long periods.



RATING EXAMPLE:

IP 65

This Chart is intended to be read in conjunction with AS60529. Degrees of protection provided by enclosures for electrical equipment (IP Code). The symbols shown on this chart are for explanatory purposes only. They are not part of the IP Code and must not be used instead of the Code.