

SOLIDS



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



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



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



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



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



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



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



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



Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours.







Dust tight. No Ingress of dust. Two to eight hours.



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

Rating Example:



INGRESS PROTECTION



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



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