

# NEMA Enclosure Type

## SOLID OBJECT

1	Protected against a solid object greater than 50mm such as a hand.
2	Protected against a solid object greater than 12.5mm 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 a wire.
5	Dust protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment.
6	Dust tight. No ingress of dust.

## MOISTURE

1	Protected against vertical falling drops of water. Limited ingress permitted.
2	Protected against vertical 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.
4	Protected against water splashes from all directions. Limited ingress permitted.
5	Protected against jets of water. Limited ingress permitted.
6	Protected against powerful jets of water. Limited ingress permitted.
7	Watertight against the effects of immersion in water between 15cm and 1m for 30 minutes.
8	Watertight against the effects of immersion in water under pressure for long periods.
9	High pressure, high temperature water jetting.

	1	2	3, 3X, 3S, 3SX	3R, 3RX	4, 4X	5	6	6P	12, 12K, 13
1	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
2	White	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
3	White	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
4	White	White	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
5	White	White	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
6	White	White	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
7	White	White	White	White	Light Blue	White	Light Blue	Light Blue	Light Blue
8	White	White	White	White	White	White	Light Blue	Light Blue	Light Blue
9	White	White	White	White	White	White	White	Light Blue	Light Blue

IP 6 5  
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 Ingress Protection