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Both Gross Automation, as the distribution channel, and Carlon, part of the Thomas & Betts family of ABB Installation Products, are happy to help you.

Gross Automation’s Global Sales

Department may be reached at +1 (262) 252-1600.

Carlon Technical support may be reached at +1 (888) 862-3289.

International Standards IP Protection Classification Data

The letters IP followed by three characteristic numbers symbolize the degree of protection.

First Digit Protection Against Solid Bodies

IP

0



No protection

1



Protection against solid bodies larger than 50 mm (for example accidentally touching with the hand)

2



Protection against solid bodies larger than 12 mm (for example a finger)

3



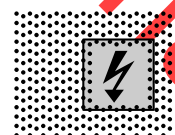
Protection against solid bodies larger than 2.5 mm (tools, wires)

4



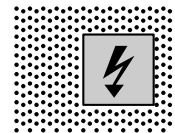
Protection against solid bodies larger than 1 mm (tools, small wires)

5



Protection against dust (no harmful deposits)

6



Complete protection against dust

Second Digit Protection Against Liquids

Protection Against Liquids

IP

0



No protection

1



Protection against vertical water drops condensation

2



Protected against water drops at up to 15° from the vertical

3



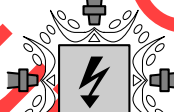
Protected against rain at up to 60° from the vertical

4



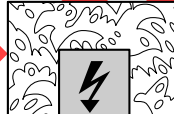
Protected against water splashing from all directions

5



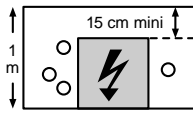
Protected against water sprayed from a hose from all directions

6



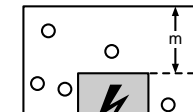
Protected against water projections similar to sea wave splashes

7



Protected against the effector immersion

8



Protected against effects of prolonged immersion under pressure