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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

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MOTOR CONTROLLER ENCLOSURE SELECTION TABLE

FOR OUTDOOR USE

| Provides a Degree of Protection Against the Following Environmental Conditions | Enclosure Type Number* | | | | | | |
|--|------------------------|----|----|---|----|---|----|
| | 3 | 3R | 3S | 4 | 4X | 6 | 6P |
| Incidental contact with the enclosed equipment | X | X | X | X | X | X | X |
| Rain, snow, and sleet | X | X | X | X | X | X | X |
| Sleet** | | | X | | | | |
| Wind blown dust | X | | X | X | X | X | X |
| Hosedown | | | | X | X | X | X |
| Corrosive agents | | | | | X | | X |
| Occasional temporary submersion | | | | | | X | X |
| Occasional prolong submersion | | | | | | | X |

** Mechanism shall be operable when ice covered.

FOR INDOOR USE

| Provides a Degree of Protection Against the Following Environmental Conditions | Enclosure Type Number* | | | | | | | | | |
|--|------------------------|---|---|----|---|---|----|----|-----|----|
| | 1 | 2 | 4 | 4X | 5 | 6 | 6P | 12 | 12K | 13 |
| Incidental contact with the enclosed equipment | X | X | X | X | X | X | X | X | X | X |
| Falling Dirt | X | X | X | X | X | X | X | X | X | X |
| Falling liquids and light splashing | | X | X | X | X | X | X | X | X | X |
| Circulating dust, lint, fibers, and flyings | | | X | X | | X | X | X | X | X |
| Settling airborne dust, lint, fibers and flyings | | | X | X | X | X | X | X | X | X |
| Hosedown and splashed water | | | X | X | | X | X | | | |
| Oil and coolant seepage | | | | | | | | X | X | X |
| Oil or coolant spraying and splashing | | | | | | | | | | X |
| Corrosive agents | | | | X | | | X | | | |
| Occasional temporary submersion | | | | | | X | X | | | |
| Occasional prolonged submersion | | | | | | | X | | | |

* Enclosure type number shall be marked on the motor controller enclosure.