

## ENCLOSURE TYPE RATING DEFINITIONS

**Type 1 Enclosure:** Intended for indoor use primarily to provide protection against contact with enclosed equipment.

**Type 2 Enclosure:** Intended for indoor use primarily to provide a degree of protection against limited amounts of falling water and dirt.

**Type 3 Enclosure:** Intended for outdoor use primarily to provide a degree of protection against wind-blown dust, rain, sleet and external ice formation.

**Type 3R Enclosure:** Intended for outdoor use primarily to provide a degree of protection against falling rain, sleet and external ice formation.

**Type 3S Enclosure:** Intended for outdoor use primarily to provide a degree of protection against windblown dust, rain, and sleet, and to provide for operation of external mechanism when ice laden.

**Type 3X Enclosure:** Intended for outdoor use primarily to provide a degree of protection against corrosion, wind-blown dust, rain, sleet and external ice formation.

**Type 3SX Enclosure:** Intended for outdoor use primarily to provide a degree of protection against corrosion, wind-blown dust, rain, and sleet and to provide for operation of external mechanism when ice laden.

**Type 4 Enclosure:** Intended for indoor or outdoor use primarily to provide a degree of protection against wind-blown dust and rain, splashing water and hose-directed water.

**Type 4X Enclosure:** Intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, wind-blown dust and rain, splashing water and hose-directed water.

**Type 6 Enclosure:** Intended for indoor or outdoor use primarily to avoid a degree of protection against contact with enclosed equipment, falling dirt, hose-directed water, entry of water during occasional temporary submersion at a limited depth and external ice formation.



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**Type 6P Enclosure:** Intended for indoor or outdoor use primarily to provide a degree of protection against contact with enclosed equipment, falling dirt, hose-directed water, entry of water during prolonged submersion at a limited depth and external ice formation.

**Type 12 Enclosure:** Intended for indoor use primarily to provide a degree of protection against dust, falling dirt and dripping noncorrosive liquids.

**Type 13 Enclosure:** Intended for indoor use primarily to provide a degree of protection against dust, spraying of water, oil and noncorrosive coolant.

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