

## NEMA Classifications

- o **NEMA 1** - Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosure equipment to provide a degree of protection against falling dirt. **(Similar to IP40)**
- o **NEMA 4** - Enclosures constructed for either indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose directed water. **(Similar to IP64)**
- o **NEMA 4X** - Enclosures constructed for either indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose directed water. **(Similar to IP65)**
- o **NEMA 7\*** - Enclosures are intended for indoor use in locations classified as Class I, Division 1, Groups C or D, as defined in the National Electrical Code.
- o **NEMA 9\*** - Enclosures are intended for indoor use in locations classified as Class II, Division 1, Groups F or G, as defined in the National Electrical Code.
- o **NEMA 12** - Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids. **(Similar to IP60)**

\* Specify Group & Division for these NEMA classifications.



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