

Connector Technical Data

NEMA Ratings

Nema Type 1: *General Purpose- Indoor Use:* Intended to provide protection against contact with the enclosed equipment and against a limited amount of falling dirt.

Nema Type 2: *Drip Proof-Indoor Use:* General purpose indoor use intended to be dust proof and provide protection against limited amounts of falling dirt and water.

Nema Type 3: *Dust tight, Rain Tight and Sleet Resistant- Outdoor Use:* Intended to provide protection against wind blown dust and rain. Should be undamaged against the formation of ice on the enclosure.

Nema Type 3R: *Rain Proof and Sleet Resistant- Outdoor Use:* Intended to provide protection against falling rain. Should be undamaged by the formation of ice on the enclosure.

Nema Type 3S: *Outdoor Use:* Intended to provide protection against wind blown dust, rain and sleet. The external mechanisms should remain operable while ice laden.

Nema Type 4: *Water Tight and Dust Tight- Indoor or outdoor Use:* Intended to provide protection against dust, falling rain, splashing and hose directed water. Should be undamaged by the formation of ice on the enclosure.

Nema Type 4X: *Water Tight, Dust Tight & Corrosion Resistant- Indoor or Outdoor Use:* Intended to provide protection against dust, falling rain and splashing and hose directed water. Should be undamaged by the formation of ice on the enclosure. Should be corrosion resistant.

Nema Type 5: *Dirt Tight, Dust Tight & Liquid-Tight Indoor Use:* Intended to provide protection against falling dirt, airborne dust, lint, fibers, and flyings. Also provides protection against dripping and light splashing of liquids.

Nema Type 6: *Indoor and Outdoor Use:* Intended to provide protection against the entry of water during temporary and limited submersion. Should remain undamaged by the formation of ice on the enclosure.

Nema Type 6P: *Indoor and Outdoor Use:* Intended to provide protection against the entry of water during prolonged submersion at limited depths. Should remain undamaged by the formation of ice on the enclosure.

Nema 7: *Indoor Use in Hazardous Locations:* Used in Class 1 Div. 1, Groups A, B, C, or D applications.

Nema 8: *Indoor or Outdoor Use in Hazardous Applications:* Used in Class I Div.1, Groups A, B, C, or D applications.

Nema 9: *Indoor Use in Hazardous Applications:* Used in Class II, Div.1, Groups E, F, or G applications.

Nema 10: *Mine Use:* For meeting requirements of the mine safety and health administration, 30 FR, Part 18.

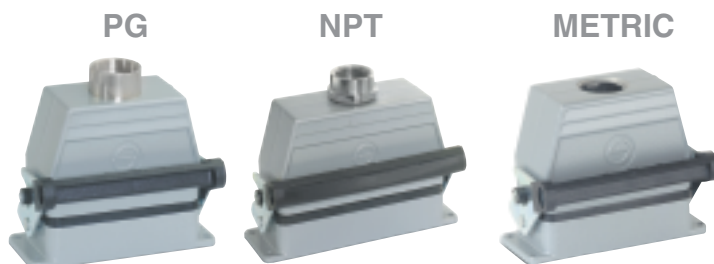
Nema 11: *Indoor Use:* Intended to provide corrosion resistance and protection during oil immersion.

Nema 12: *Indoor Use:* Intended to provide protection against entry of dust, dirt, and dripping water. Should provide protection against non-corrosive liquids.

Nema 13: *Indoor Use:* Intended to provide protection against entry of dust, dirt and dripping water. Should provide protection against non-corrosive liquids.

NEMA RATINGS APPLIED TO EPIC® CONNECTORS

Standard Grey Coating (NEMA 4)



Black Coating (NEMA 4X)

