

# ENCLOSURE PROTECTION RATINGS NEMA-IP

- The **National Electrical Manufacturers Association, NEMA** is the governing body that regulates enclosure design
- **International Electrotechnical Commission, IEC** standard 60529. The IP Code, International Protection Marking, sometimes interpreted as **Ingress Protection Marking**, classifies and rates the degree of protection provided against intrusion (body parts such as hands and fingers), dust, accidental contact, and water by mechanical casings and electrical enclosures.
- ACT's products are UL 50E tested & designed to meet the NEMA ratings of the applications enclosure.



NEMA Rating	IP Rating	Description
12	52	Indoor, dust tight, drip tight
4	65-66	Indoor/outdoor, hose directed water tight
4X	65-66	Same as above with corrosion resistant materials
3R	11-14	Indoor/outdoor, rain protection

