

NEMA & IEC/IP Classifications

The National Electrical Manufacturers Association (NEMA) and the International Electrotechnical Commission (IEC) have each defined a set of standards for classifying the environmental applications of electronics enclosures. The Panel Top Gestural Input Mouse and Panel Mount Gestural Input products each meet the NEMA 4 and IEC IP66 classification standards.

1. NEMA 4: The enclosure must provide a degree of protection against the following:

Indoor Applications:

- Incidental personal contact with the enclosed equipment
- Falling dirt
- Falling liquids and light splashing
- Circulating dust
- Settling airborne, non-hazardous dust, lint, fibers, and flyings
- Hosedown and splashing water

Outdoor Applications:

- Incidental personal contact with the enclosed equipment
- Rain, snow, and sleet (external operating mechanisms not required to operate when the enclosure is ice-covered)
- Windblown dust, lint, fibers, and flyings

2. IP66: the enclosure provides the following degrees of protection:

- Totally protected against dust
- Protected against strong liquid jets from all directions - limited ingress permitted.