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| <b>Model</b>                                    | <b>CAP-4-US</b>  |
| <b>General Specifications</b>                   |  |
| NEMA Environment Type                           | IP65 / NEMA 4  |
| Voltage Range                                   | Any  |
| Operating Temperature                           | -40°C (-40°F) to 325°C (617°F)   |
| Body and Cover Material                         | Powder Coated 5052 Aluminum  |
| Hardware  | 316 Stainless Steel  |
| Gaskets   | UL 94 5VA TPE; -40°C (-40°F) to 273°C (523°F)  |
| <b>Dimension and Optic Specifications</b>       |  |
| Optic Material                                  | UL 746 compliant, visual, UV and IR transmissive polymer; -40°C (-40°F) to 325°C (617°F) |
| Optic Reinforcing Grill Material                | Aluminum Reinforcing Grill (IP22/ IP2x Standard)   |
| Viewing Aperture Dimensions                     | L= 9.68 cm (3.81 in), H= 9.77 cm (3.85 in)   |
| Overall Dimensions                              | L= 15.24 cm (6 in), H= 25.4 cm (10 in)   |
| <b>Inspection Capabilities and Applications</b> |  |
| Midwave IR                                      | Yes  |
| Longwave IR                                     | Yes  |
| Ultraviolet (UV)                                | Yes  |
| Ultrasound                                      | Yes  |
| Visual Inspection                               | Yes  |
| Medium/High Voltage Applications                | Yes  |
| <b>Ratings and Testing</b>                      |  |
| UL 50V & UL 50E                                 | Standard for Infrared Viewports & the environmental ratings , which apply to enclosures. |

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| UL 746C & UL 746A-2012            | Impact and flame resistance standards for polymeric components.   |
| UL 1558                           | Impact and load resistance for low voltage, metal enclosed assemblies.  |
| UL 508A/ ANSI 508A                | Industrial Control Panel Standards.   |
| CSA C22.2 No. 14-13               | CSA Standard for Industrial Control Equipment   |
| CSA C22.2 No. 14-10               | CSA Standard for Low Voltage Distribution and Control Equipment   |
| CSA C22.2 No. 94-M91              | This Standard applies to special purpose enclosures for electrical equipment intended to be installed   |
| CSA C22.2 No. 94.1-07             | This Standard applies to special purpose enclosures for electrical equipment intended to be installed and used in non-hazardous locations.  |
| CSA C22.2 No. 94.2-07             | Standard applies to Enclosures for Electrical Equipment, Environmental Considerations.  |
| IEEE C37.20.7 Type 2B             | Defines switchgear arc resistance from the front, sides and rear. Type B specifies arc resistance is maintained, even when opening designated, low voltage equipment.   |
| IEEE C37 20.2.a.3.6               | IR windows mounted in medium and high voltage, metal clad and station-type gear are required to withstand impact and load from all sides without cracking, shattering or dislodging.                                  |
| IEC 62271-200                     | Specification requirements for pre-fabricated metal enclosed switchgear and control gear above 1 kV and through 52 kV. Enclosures may include fixed and removeable components and have various insulating properties. |
| IEC 60262271-200                  | Arc containment tested; Arc Flash Spectest: 1.1 sec duration at 63kA.   |
| IEC 60068-2-6:2007                | Environmental testing- Vibration.   |
| IEC 60068-2-3                     | Environmental testing- Damp heat, steady state.   |
| IEC 60068-2-78:2012               | Environmental testing- Extreme humidity withstand.  |
| American Bureau of Shipping (ABS) | A classification society, with a mission to promote the security of life, property and the environment through desin verifications standards for marine related operations.   |