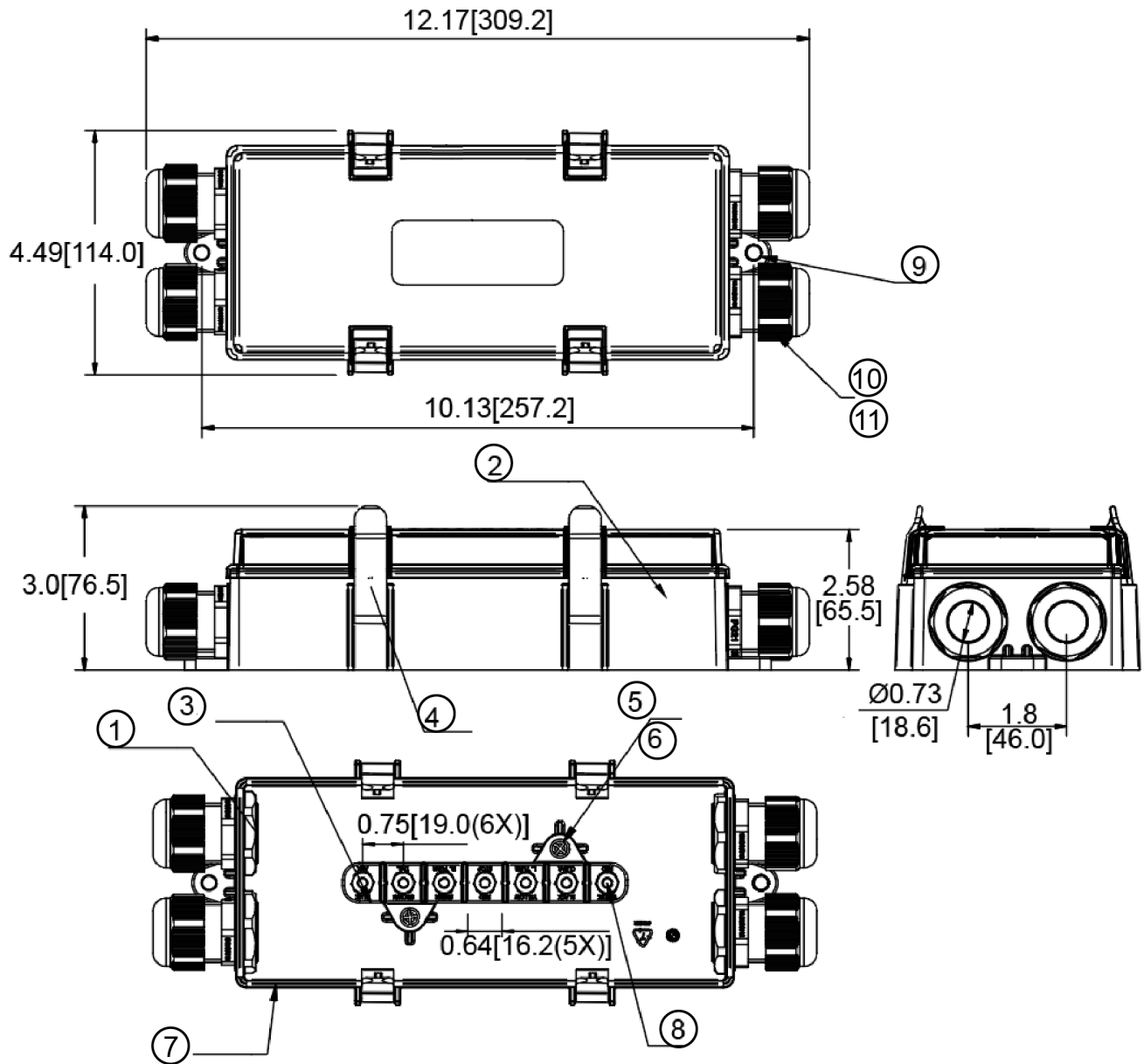


Mechanical Dimensions: Inches [mm]

Tolerances  $\pm 0.012$  [0.3] Unless Otherwise Specified



Specifications

|                           |              |                    |                     |
|---------------------------|--------------|--------------------|---------------------|
| Voltage Rating            | 125VAC/DC    | Mounting Torque    | 6-8 Nm (M6 Bolt)    |
| Current Rating (Per Pole) | 30A          | Ingress Protection | IPX5 (Per IEC60529) |
| Operation Temperature     | -40°C ~ 85°C |                    |                     |
| Terminal Torque           | 4 ± 1 Nm     |                    |                     |
| Terminal Flange Torque    | 8 ± 1 Nm     |                    |                     |

**Bill of Materials**

| Item # | Name (QTY)               | Material         |
|--------|--------------------------|------------------|
| 1      | COVER                    | PC - Red         |
| 2      | Housing                  | PC - Black       |
| 3      | 7P Base                  | PC - Black       |
| 4      | Latch (4x)               | POM - Yellow     |
| 5      | ST Screw M4 (2x)         | Stainless Steel  |
| 6      | Washer (2x)              | Stainless Steel  |
| 7      | O-ring                   | NBR-70 Black     |
| 8      | Base Stud #10-32UNC (7x) | Stainless Steel  |
| 9      | Presser Limiter (2x)     | C3604 Tin Plated |
| 10     | KSS EG-21 (4x)           | NY PA66          |
| 11     | KSS BPA175 (2x)          | NY PA66          |

| Rev | Date of issue | Revision Notes                 | Designed | Approved |
|-----|---------------|--------------------------------|----------|----------|
| C   | 02-23-2024    | Add voltage and current rating | RC       | OF       |