

Technical Specifications - Control Enclosures Type 3R

“FHLRT” configuration - Fiberglass hinged, through the door latches



FHLRT Construction

| | |
|------------------------------|--|
| Material | Hot compression molded fiberglass reinforced polyester, hand layup FRP |
| Rain Shield | Protection against incidental water ingress |
| Gasket | Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal |
| Non-Metallic Hardware | Glass filled PBT hinge, nylon quarter turn latch |
| Mounting Bosses | Panel mounting capability for fixed rear panel |
| Metal inserts | All bosses utilize threaded brass inserts |
| Soft Edge Design | Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris |
| Hinge Material | Glass filled Polybutylene Terephthalate (PBT) |

FHLRT Industry Standards

| | |
|----------------------------------|--|
| UL/cUL 50 | File E64358 Type 1, 3R |
| NEMA 250 | Type 1, 3R |
| CSA Std C22.2 | File LR069014 Type 1, 3R |
| Temperature Range | (-76°F to +274°F) (-60°C to +134°C) |
| Temperature Range Window | (-26°F to +170°F) (-32°C to +76°C) |
| Flammability Rating | UL94-5V |
| Self Extinguishing | Non-halogenated, non-flame propagating |
| Chemical Resistance | Full chemical resistance charts listed in appendix |
| NFPA No. 101 Flame Spread | Class A (1) |

FHLRT Accessories

Back Panels

| | | |
|------------------------|-------|--------------|
| Aluminum | BP_AL | pg. 149, 151 |
| Fiberglass | BP_FG | pg. 149, 151 |
| Stainless Steel | BP_SS | pg. 149, 151 |
| Carbon Steel | BP_CS | pg. 149, 151 |

Accessories

| | |
|-------------------------------------|---------------|
| Drain & Breather Vents | pg. 144, 146 |
| Hole Plugs | pg. 145 |
| Assorted Hubs and Cord Grips | pg. 145, 148 |
| All Other Accessories | pg. 144 - 159 |

FHLRT Modifications

| | |
|-----------------------------|-------------|
| Custom Colors | pg. 12 - 13 |
| Silk Screening | pg. 12 - 13 |
| EMI/RFI Shielding | pg. 12 - 13 |
| Custom Window | pg. 12 - 13 |
| Custom Cutouts/Holes | pg. 12 - 13 |

NOTES: