



## LOADBREAK REDUCING TAP PLUG (LRTP)

### 15, 25, AND 35 kV CLASS

#### KEY FEATURES

- Rotating nut which threads onto apparatus bushing or 200A elbow
- Allows for hotstick control of the elbow and its connections
- Available in 15/28/35 kV on 600A side and 15/25 kV on 200A side
- High quality peroxide cured EPDM rubber insulation

TE Connectivity's (TE's) Raychem Loadbreak Reducing Tap Plug (LRTP) provides a transition from a 600A deadbreak elbow to a 200A loadbreak interface. This interface allows for live testing or the addition of a 200A loadbreak tap, elbow arrester or grounding elbow.

Using a 5/16" hex wrench, the LRTP is installed into a 600A deadbreak elbow that utilizes a threaded copper-top lug.

When proper installation torque is reached, pins shear releasing the inner threaded stud that is used to complete the installation to the apparatus bushing.

A fully shielded, submersible connection is offered with conformance to IEEE Standard 386.

These LRTP's are interchangeable with other manufacturers' products that comply with this standard.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**



| Current Ratings   |                    |
|---|--------------------|
| Description   | A rms              |
| Continuous Current  | 200                |
| Switching Current   | 200                |
| Fault-closure Current for 0.17s after 10 Switching Operations | 10,000 symmetrical |
| Short-time Current for 0.17s                                  | 10,000 symmetrical |
| Short-time Current for 3.00s                                  | 3,500 symmetrical  |

| Voltage Ratings                   |       |       |       |
|-----------------------------------|-------|-------|-------|
| Description                       | 15 kV | 25 kV | 35 kV |
| Minimum Partial Discharge         | 11    | 19    | 36.6  |
| Max Rating Phase-to-Ground        | 8.3   | 15.2  | 21.1  |
| Max Rating Phase-to-Phase         | 14.4  | 26.3  | N/A   |
| AC 60 Hz 1 Minute Withstand (rms) | 34    | 40    | 50    |
| DC 15 Minute Withstand            | 53    | 78    | 103   |
| BIL and Full Wave (Crest)         | 95    | 125   | 150   |

| Product Selection Information |   |                    |                    |
|-------------------------------|---|--------------------|--------------------|
| Description                   | Attribute                                   | Voltage Class (kV) | Current Rating (A) |
| ELB-15/28-200-LRTP15          | 15/28 kV (600) - 15 kV (200) 3ph rated LRTP | 15/28 kV           | 200                |
| ELB-15/28-200-LRTP25          | 15/28 kV (600) - 25 kV (200) 3ph rated LRTP | 15/28 kV           | 200                |
| ELB-35-200-LRTP21             | 35 kV (600) - 21 kV (200) 1ph rated LRTP    | 35 kV              | 200                |

**RELATED TEST REPORT:**

EDR 5575 (15 kV), EDR 5579 (25 kV)

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