

Loadbreak Junctions



| RATINGS | | |
|-------------------------|---|---------------------------------|
| Description | 15kV | 25kV |
| Phase to Phase | 14.4 kV | 26.3 kV |
| Phase to Ground | 8.3 kV | 15.2 kV |
| AC 1 Minute Withstand | 34 kV | 40 kV |
| DC 15 Minute Withstand | 53 kV | 78 kV |
| BIL and Full Wave Crest | 95 kV | 125 kV |
| Min Corona Level | 11 kV | 19 kV |
| Switching Current | 10 operations at 200 A @14.4 kV | 10 operations at 200 A @26.3 kV |
| Short Time Current | 10 kA rms symmetrically for 0.17 s 3.5 kA rms for 3s | |

| PRODUCT SELECTION INFORMATION | | | |
|--|---------------|------|-----------------------|
| Description | Voltage Class | Size | Total length in. (mm) |
| Junctions with Adjustable Bracket included | | | |
| ELB-15-200-J2-ADJ | 15 | 2 | 15.4 (390) |
| ELB-15-200-J3-ADJ | 15 | 3 | 18.5 (470) |
| ELB-15-200-J4-ADJ | 15 | 4 | 21.7 (550) |
| ELB-25-200-J2-ADJ | 25 | 2 | 16.1 (410) |
| ELB-25-200-J3-ADJ | 25 | 3 | 20.1 (510) |
| ELB-25-200-J4-ADJ | 25 | 4 | 24.0 (610) |

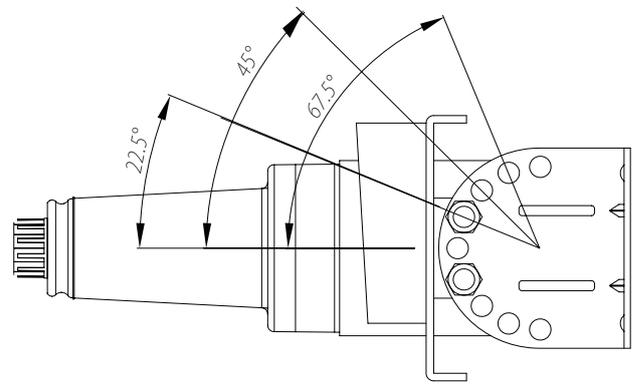
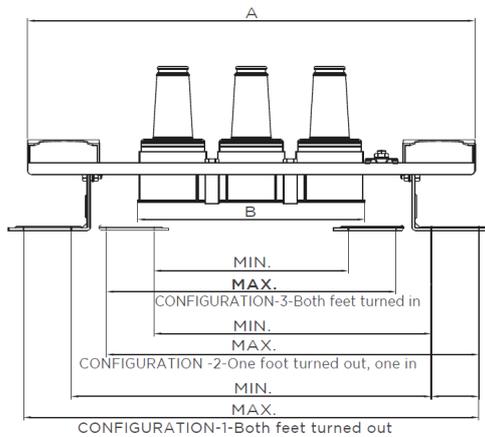


Table 1: 15kV

| PRODUCT SELECTION INFORMATION | | | | | | | | |
|-------------------------------|------------------------------|------------|---------------------------|------------|---------------------------|------------|---------------------------|------------|
| Number of Interfaces | Physical Dimensions In. (mm) | | Configuration #1 In. (mm) | | Configuration #2 In. (mm) | | Configuration #3 In. (mm) | |
| | A | B | Min. | Max. | Min. | Max. | Min. | Max. |
| 2 | 15.4 (390) | 6.5 (164) | 11.8 (300) | 15.7 (400) | 8.4 (213) | 12.3 (313) | 5.0 (126) | 8.9 (226) |
| 3 | 18.5 (470) | 9.4 (239) | 15.0 (380) | 18.9 (480) | 11.5 (293) | 15.5 (393) | 8.1 (206) | 12.0 (306) |
| 4 | 21.7 (550) | 12.6 (321) | 18.1 (460) | 22.0 (560) | 14.7 (373) | 18.6 (473) | 11.3 (286) | 15.2 (386) |

Table 2: 25kV

| PRODUCT SELECTION INFORMATION | | | | | | | | |
|-------------------------------|------------------------------|------------|---------------------------|------------|---------------------------|------------|---------------------------|------------|
| Number of Interfaces | Physical Dimensions In. (mm) | | Configuration #1 In. (mm) | | Configuration #2 In. (mm) | | Configuration #3 In. (mm) | |
| | A | B | Min. | Max. | Min. | Max. | Min. | Max. |
| 2 | 16.1 (410) | 7.2 (184) | 12.6 (320) | 16.5 (420) | 9.2 (233) | 13.1 (333) | 5.7 (146) | 9.7 (246) |
| 3 | 20.1 (510) | 10.9 (277) | 16.5 (420) | 20.5 (520) | 13.1 (333) | 17.0 (433) | 9.7 (246) | 13.6 (346) |
| 4 | 24.0 (610) | 14.9 (379) | 20.5 (520) | 24.4 (620) | 17.0 (433) | 21.0 (533) | 13.6 (346) | 17.6 (446) |

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