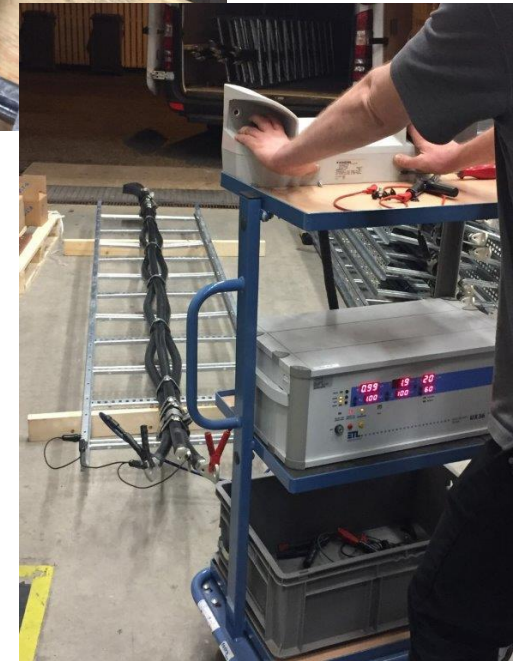
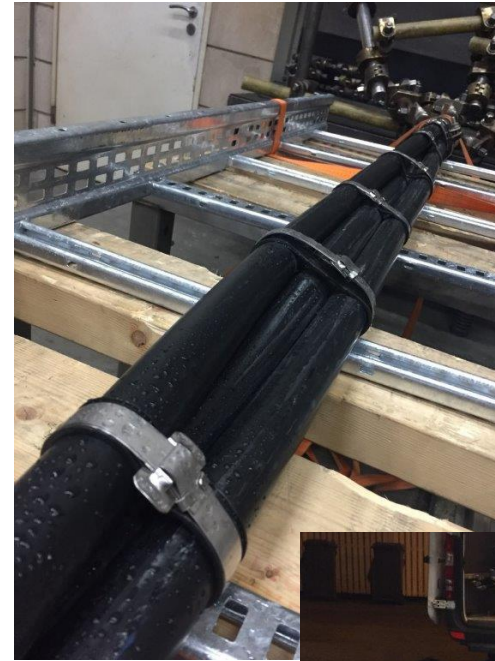


# BAND-IT™ Short Circuit Testing



# BAND-IT™ Short Circuit Testing

## Tests conducted to IEC61914:2015

### “Tests for Resistance to Electromechanical Force” section 6.4.3 and 6.4.4.

| BAND-FAST™ Clamp Ref | Band Ref | Buckle / Clip Ref | Description           | Width | Single or Double Wrap | Spacing between clamps | Cat 1 (Clause 9.5.2*) Pass level kA peak | Test Report # (Test Video #) | Cat 2 (Clause 9.5.3**) Pass level kA peak | Test Report # (Test Video #) |
|----------------------|----------|-------------------|-----------------------|-------|-----------------------|------------------------|------------------------------------------|------------------------------|-------------------------------------------|------------------------------|
| LFAC-F1015M***-A900  | AE435    | AE455             | PPA Coated            | 5/8"  | Single                | 300mm (12")            | 50.8 kA                                  | PDL-17.003.2 (4)             | 40.9 kA                                   | PLD-17.003.1 (2 & 3)         |
| LFEC-F1015M***-A900  | AE435    | LE155             | PPA Coated            | 5/8"  | Double                | 300mm (12")            |                                          |                              | 76.3 kA                                   | PLD-17.003.3 (6 & 7)         |
| LFEC-F1030M***       | C405     | C455              | Uncoated with channel | 5/8"  | Double                | 300mm (12")            |                                          |                              | 110 kA                                    | PLD-17.003.4 (13 & 14)       |
| LFEC-F1230M***       | C406     | C456              | Uncoated with channel | ¾"    | Double                | 300mm (12")            | 120 kA                                   | PLD-17.003.5 (17)            |                                           |                              |
| LFEC-F0815M***-A900  | AE434    | AE454             | PPA Coated            | ½"    | Double                | 600mm (24")            |                                          |                              | 45.1 kA                                   | PLD-17.003.9 (36 & 37)       |
| LFAC-F1015M***-A900  | AE435    | AE455             | PPA Coated            | 5/8"  | Single                | 600mm (24")            |                                          |                              | 45.5 kA                                   | PLD-17.003.6 (26 & 27)       |
| LFEC-F1015M***-A900  | AE435    | LE155             | PPA Coated            | 5/8"  | Double                | 600mm (24")            |                                          |                              | 70.1 kA                                   | PLD-17.003.7 (32 & 33)       |
| LFEC-F1030M***       | C405     | C455              | Uncoated with channel | 5/8"  | Double                | 600mm (24")            |                                          |                              | 112 kA                                    | PLD-17.003.8 (44 & 45)       |

Watch current BAND-IT short-circuit demonstration

Alternative; not the 2017 test footage.



\* Clause 9.5.2 = One shock & visual inspection  
 \*\* Clause 9.5.3 = Two shocks, visual inspection, water spray and electrical continuity test

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