

MV-CONNEX Separable Connectors, Size 1,
 $U_m = 36 \text{ kV}, I_N = 630 \text{ A}$

Standard article no.

- for DIN VDE cables
- for RM-conductor (stranded circular) of aluminium or copper
- for single core cable with copper wire shield without armouring
- with sealing system (bell flange seal and shrink tubing)
- for indoor and outdoor applications
- not soil-resistant and not offshore-proof
- offshore version on request (see page 17: product configurator)
- Packaging unit: set with three separable connectors
- 3-core version on request (see page 17: product configurator)

The picture shows MV-CONNEX separable connector without voltage tap



| No. | No. | Max. operating voltage | for cable cross section | for diameter over conductor | Insulation thickness (nominal value) | for diameter over XLPE insulation |
|------------------|---------------------|------------------------|-------------------------|-----------------------------|--------------------------------------|-----------------------------------|
| with voltage tap | without voltage tap | U_m (kV) | (mm ²) | (mm) | (mm) | Ø (mm) |
| 850 110 035 | 870 110 035 | 12 | 35 | 6.0 - 7.3 | 3.4 | 13.5 - 17.5 |
| 850 110 050 | 870 110 050 | 12 | 50 | 7.5 - 8.8 | 3.4 | 13.5 - 17.5 |
| 850 110 070 | 870 110 070 | 12 | 70 | 9.3 - 10.6 | 3.4 | 16.0 - 19.5 |
| 850 110 095 | 870 110 095 | 12 | 95 | 10.8 - 12.1 | 3.4 | 18.0 - 21.5 |
| 850 110 120 | 870 110 120 | 12 | 120 | 12.3 - 13.6 | 3.4 | 18.0 - 21.5 |
| 850 110 150 | 870 110 150 | 12 | 150 | 13.8 - 15.1 | 3.4 | 20.0 - 23.5 |
| 850 110 185 | 870 110 185 | 12 | 185 | 15.3 - 16.6 | 3.4 | 22.0 - 25.5 |
| 850 110 240 | 870 110 240 | 12 | 240 | 17.8 - 19.1 | 3.4 | 25.0 - 28.5 |
| 850 120 035 | 870 120 035 | 24 | 35 | 6.0 - 7.3 | 5.5 | 18.0 - 21.5 |
| 850 120 050 | 870 120 050 | 24 | 50 | 7.5 - 8.8 | 5.5 | 18.0 - 21.5 |
| 850 120 070 | 870 120 070 | 24 | 70 | 9.3 - 10.6 | 5.5 | 20.0 - 23.5 |
| 850 120 095 | 870 120 095 | 24 | 95 | 10.8 - 12.1 | 5.5 | 22.0 - 25.5 |
| 850 120 120 | 870 120 120 | 24 | 120 | 12.3 - 13.6 | 5.5 | 23.5 - 27.0 |
| 850 120 150 | 870 120 150 | 24 | 150 | 13.8 - 15.1 | 5.5 | 25.0 - 28.5 |
| 850 120 185 | 870 120 185 | 24 | 185 | 15.3 - 16.6 | 5.5 | 26.5 - 30.0 |
| 850 120 240 | 870 120 240 | 24 | 240 | 17.8 - 19.1 | 5.5 | 28.0 - 31.5 |
| 850 130 050 | 870 130 050 | 36 | 50 | 7.5 - 8.8 | 8.0 | 23.5 - 27.0 |
| 850 130 070 | 870 130 070 | 36 | 70 | 9.3 - 10.6 | 8.0 | 25.0 - 28.5 |
| 850 130 095 | 870 130 095 | 36 | 95 | 10.8 - 12.1 | 8.0 | 26.5 - 30.0 |
| 850 130 120 | 870 130 120 | 36 | 120 | 12.3 - 13.6 | 8.0 | 28.0 - 31.5 |
| - | 870 130 150 | 36 | 150 | 13.8 - 15.1 | 8.0 | 30.0 - 33.5 |
| - | 870 130 185 | 36 | 185 | 15.3 - 16.6 | 8.0 | 31.0 - 34.5 |



**THORNE &
 DERRICK
 INTERNATIONAL**

Thorne & Derrick
 +44 (0) 191 410 4292
 www.powerandcables.com