

**MV-CONNEX Separable Connectors, Size 3,** **$U_m = 42 \text{ kV}$ ,  $I_N = 1250 \text{ A}$** **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)
- rotatable flange

The picture shows MV-CONNEX separable connector without voltage tap



| No.                 | No.                    | Max.<br>operating<br>voltage | for cable<br>cross<br>section | for diameter<br>over<br>conductor | Insulation<br>thickness<br>(nominal<br>value) | for diameter<br>over XLPE<br>insulation | Rem. |
|---------------------|------------------------|------------------------------|-------------------------------|-----------------------------------|-----------------------------------------------|-----------------------------------------|------|
| with<br>voltage tap | without<br>voltage tap | $U_m$ (kV)                   | (mm <sup>2</sup> )            | (mm)                              | (mm)                                          | Ø (mm)                                  |      |
| 850 310 800         | 870 310 120            | 12                           | 120                           | 12.5 - 14.7                       | 3.4                                           | 19.0 - 23.0                             |      |
| 850 310 150         | 870 310 150            | 12                           | 150                           | 13.5 - 15.7                       | 3.4                                           | 19.0 - 23.0                             |      |
| 850 310 185         | 870 310 185            | 12                           | 185                           | 15.0 - 17.2                       | 3.4                                           | 22.5 - 26.5                             |      |
| 850 310 240         | 870 310 240            | 12                           | 240                           | 17.5 - 19.7                       | 3.4                                           | 24.5 - 28.5                             |      |
| 850 310 300         | 870 310 300            | 12                           | 300                           | 19.5 - 21.7                       | 3.4                                           | 26.0 - 30.0                             |      |
| 850 310 400         | 870 310 400            | 12                           | 400                           | 22.6 - 24.8                       | 3.4                                           | 30.0 - 34.0                             |      |
| 850 310 500         | 870 310 500            | 12                           | 500                           | 25.4 - 27.6                       | 3.4                                           | 32.0 - 36.0                             |      |
| 850 310 630         | 870 310 630            | 12                           | 630                           | 28.9 - 31.1                       | 3.4                                           | 36.0 - 39.5                             |      |
| 850 320 050         | 870 320 050            | 24                           | 50                            | 7.2 - 9.4                         | 5.5                                           | 19.0 - 23.0                             |      |
| 850 320 070         | 870 320 070            | 24                           | 70                            | 9.0 - 11.2                        | 5.5                                           | 19.0 - 23.0                             |      |
| 850 320 095         | 870 320 095            | 24                           | 95                            | 10.5 - 12.7                       | 5.5                                           | 22.5 - 26.5                             |      |
| 850 320 120         | 870 320 120            | 24                           | 120                           | 12.5 - 14.7                       | 5.5                                           | 22.5 - 26.5                             |      |
| 850 320 150         | 870 320 150            | 24                           | 150                           | 13.5 - 15.7                       | 5.5                                           | 24.5 - 28.5                             |      |
| 850 320 185         | 870 320 185            | 24                           | 185                           | 15.0 - 17.2                       | 5.5                                           | 26.0 - 30.0                             |      |
| 850 320 240         | 870 320 240            | 24                           | 240                           | 17.5 - 19.7                       | 5.5                                           | 28.0 - 32.0                             |      |
| 850 320 300         | 870 320 300            | 24                           | 300                           | 19.5 - 21.7                       | 5.5                                           | 30.0 - 34.0                             |      |
| 850 320 400         | 870 320 400            | 24                           | 400                           | 22.6 - 24.8                       | 5.5                                           | 34.0 - 38.0                             |      |
| 850 320 500         | 870 320 500            | 24                           | 500                           | 25.4 - 27.6                       | 5.5                                           | 36.0 - 39.5                             |      |
| 850 320 630         | 870 320 630            | 24                           | 630                           | 28.9 - 31.1                       | 5.5                                           | 40.0 - 43.0                             |      |
| 850 330 050         | 870 330 050            | 36                           | 50                            | 7.2 - 9.4                         | 8.0                                           | 22.5 - 26.5                             |      |
| 850 330 070         | 870 330 070            | 36                           | 70                            | 9.0 - 11.2                        | 8.0                                           | 24.5 - 28.5                             |      |
| 850 330 095         | 870 330 095            | 36                           | 95                            | 10.5 - 12.7                       | 8.0                                           | 26.0 - 30.0                             |      |
| 850 330 120         | 870 330 120            | 36                           | 120                           | 11.5 - 13.7                       | 8.0                                           | 28.0 - 32.0                             |      |
| 850 330 150         | 870 330 150            | 36                           | 150                           | 13.5 - 15.7                       | 8.0                                           | 30.0 - 34.0                             |      |
| 850 330 185         | 870 330 185            | 36                           | 185                           | 15.0 - 17.2                       | 8.0                                           | 30.0 - 34.0                             |      |
| 850 330 240         | 870 330 240            | 36                           | 240                           | 17.5 - 19.7                       | 8.0                                           | 34.0 - 38.0                             |      |
| 850 330 300         | 870 330 300            | 36                           | 300                           | 19.5 - 21.7                       | 8.0                                           | 36.0 - 39.5                             |      |
| 850 330 400         | 870 330 400            | 36                           | 400                           | 22.6 - 24.8                       | 8.0                                           | 38.0 - 41.0                             |      |
| 850 330 500         | 870 330 500            | 36                           | 500                           | 25.4 - 27.6                       | 8.0                                           | 42.0 - 44.5                             |      |
| -                   | 870 335 630            | 36                           | 630                           | 28.9 - 31.1                       | 8.0                                           | 44.5 - 47.0                             | (XL) |
| -                   | 870 335 631            | 36                           | 630                           | 28,9 - 31,1                       | 8,0                                           | 46.5 - 49.0                             | (XL) |



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