

**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 <sup>2</sup> )	(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