



## MV-CONNEX Separable Connectors, Size 3-S, $U_m = 52 \text{ kV}$ , $I_N = 1250 \text{ A}$

### Standard article no.

- for RM-conductor (stranded circular) of aluminium or copper
- for single core cable with copper wire screen without armouring
- with sealing system (bell flange seal and shrink tubing)
- for indoor and outdoor applications
- not soil-resistant and not offshore-proof
- Packaging unit: set with three cable connectors
- Voltage taps that are not connected to a voltage display system, must be earthed for size 3-S.
- rotatable flange
- offshore version on request
- 3-core version on request

No.	No.	Max. operating voltage	for cable cross-section	for diameter over conductor	for diameter over XLPE insulation
with voltage tap	without voltage tap	$U_m$ (kV)	(mm <sup>2</sup> )	(mm)	Ø (mm)
850 350 120	-	52	120	11.5 - 13.7	32.0 - 36.0
850 350 150	-	52	150	13.5 - 15.7	36.0 - 39.5
850 350 185	-	52	185	15.0 - 17.2	36.0 - 39.5
850 350 240	-	52	240	17.5 - 19.7	38.0 - 41.0
850 350 300	-	52	300	19.5 - 21.7	38.0 - 41.0
850 350 400	-	52	400	22.6 - 24.8	40.0 - 43.0
850 350 500	-	52	500	25.4 - 27.6	43.5 - 46.0
-	870 350 630	52	630	28.9 - 31.1	47.5 - 50.0

## Order Information

### Caution! Important information.

The bell flange is available in bronze for underground and offshore use. These CONNEX cable connectors are available in sizes 1, 2, 3 and 3-S.

The cable insulation must correspond to the rated voltage of the CONNEX cable connector. Example: for a 20 kV insulated cable, even if the cable is powered with 10 kV rated voltage the CONNEX cable connector for 24 kV max. operating voltage must be selected, as the standard thickness of insulation for DIN VDE cables is linked to the max. operating voltage and the appropriate insulator was assigned based on this.

Special tools are required to assemble the contact system of the CONNEX connectors. Only qualified personnel who have been authorised and trained by the manufacturer should work on and with the product. The personnel receive a certificate for the training from the manufacturer with a validity of 5 years.

Note the special assembly for CONNEX cable connectors sizes 1, 2, 3 and 3-S for cable bundle: An additional special tool is required to press the aluminium sleeve onto the superflexible stranded conductor.

CONNEX cable connectors size 1 or 2 with rotatable flange available on request, size 3 or 3-S as a standard.

For vertical outdoor assembly from above is an additional sealing set required: This is available with article no. 559 218 001 for one set of size 3 and no. 559 218 002 for one set of size 2.



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