

## DISCONNECTORS

## CBD(E, EE) 72.5kV - 170kV Centre Break Disconnector



## General description

Centre Break Disconnectors from type CBD ( $\mathrm{E}, \mathrm{EE}$ ) for $72.5 \mathrm{kV}-170 \mathrm{kV}$ are availab-

## Benefits CBD(E, EE)

- Possibility to integrate one or two earthing switches
- Operation with motor or hand drive
- Reduced Life Cycle Cost due to maintenance free contact systems
- Short installation and assembly time
- Type tested acc. to IEC 62271-102

■ From 72.5 kV to 170 kV

- Up to 3'150A
- Up to 135/50kA
- 50 Hz and 60 Hz
- Earthing switch type EF as stand-alone version
- Swiss quality


## Technical data



| Rated voltage | Ur | kV |  | 72.5 | 100 | 123 | 145 | 170 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rated frequency | $\mathrm{f}_{\mathrm{r}}$ | Hz |  | 50 and 60 |  |  |  |  |
| Rated lightning impulse withstand voltage | $U_{p}$ | kV | 1) | 325 | 450 | 550 | 650 | 750 |
|  |  |  | 2) | 375 | 520 | 630 | 750 | 860 |
| Rated short-duration power frequency withstand voltage | $U_{\text {d }}$ | kV | 1) | 140 | 185 | 230 | 275 | 325 |
|  |  |  | 2) | 160 | 210 | 265 | 315 | 375 |
| Rated continuous current | $I_{r}$ | A |  | 1600, 2500, 3150 |  |  |  |  |
| Rated short-time withstand current - 1 s (in dependence of the rated continuous current) | $I_{k}$ | kA |  | 31.5, 40, 50 |  |  |  |  |
| Rated peak withstand current (in dependence of the rated continuous current) | $I_{p}$ | kA |  | 85, 108, 135 |  |  |  |  |


| Rated voltage | $\mathrm{U}_{\mathrm{r}}$ | kV |  | 72.5 | 100 | 123 | 145 | 170 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dimensions |  | mm | A | 900 | 1150 | 1400 | 1600 | 1800 |
|  |  |  | B | 770 | 1020 | 1220 | 1500 | 1700 |
|  |  |  | C | 1246 | 1496 | 1696 | 1976 | 2176 |
|  |  |  | L | 1112 | 1362 | 1612 | 1812 | 2012 |
|  |  |  | M | 234 | 234 | 234 | 234 | 234 |
|  |  |  | P | 1200 | 1550 | 1850 | 2150 | 2430 |

1) phase to earth and phase-phase
2) across the isolating distance

## Highlights



## (1) ALPHA-ET

Current and voltage - our passion

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## Member of PFIFFNER Group

This document has been drawn up with the utmost care. We cannot, however, guarantee that it is entirely complete, correct or up-to-date.
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