

## Cable terminations MKBC 72.5, MKBC 123, MKBC 126, MKBC 145 (self-supported), MKBC 72.5 H, MKBC 123 H, MKBC 126 H, MKBC 145 H (flexible)

### Technical data

|                                             |                 | MKBC 72.5                      | MKBC 123          | MKBC 126          | MKBC 145          |
|---------------------------------------------|-----------------|--------------------------------|-------------------|-------------------|-------------------|
| Phase to ground voltage U <sub>0</sub>      | kV              | 36                             | 64                | 64                | 76                |
| Rated voltage                               | kV              | 66                             | 110               | 110               | 132               |
| Maximum system voltage                      | kV              | 72.5                           | 123               | 126               | 145               |
| Cable conductor cross-section range         | mm <sup>2</sup> | 95 ÷ 1600                      | 185 ÷ 2000        | 185 ÷ 2000        | 185 ÷ 2000        |
| Maximum cable diameter                      | mm              | 115                            | 125               | 125               | 125               |
| Prepared insulation diameter range          | mm              | 32-75                          | 44-93             | 44-93             | 44-93             |
| AC voltage withstand test                   |                 | 90 kV for 30 min               | 160 kV for 30 min | 160 kV for 30 min | 190 kV for 30 min |
| Partial discharge level                     |                 | <5 pC at 54 kV                 | < 5 pC at 96 kV   | < 5 pC at 96 kV   | < 5 pC at 114 kV  |
| Lightning impulse voltage (10+/10-impulses) |                 | 325 kV                         | 550 kV            | 550 kV            | 650 kV            |
| Rated current                               |                 | Limited by cable specification |                   |                   |                   |
| Operational temperature                     |                 | -45/+50°C                      | -45/+50°C         | -45/+50°C         | -45/+50°C         |

### Dimensions and weight

|                                              |    | MKBC 72.5 | MKBC 72.5 | MKBC 72.5 H | MKBC 72.5 H | MKBC 123 | MKBC 123 H | MKBC 126 | MKBC 126 H | MKBC 145 | MKBC 145 H |
|----------------------------------------------|----|-----------|-----------|-------------|-------------|----------|------------|----------|------------|----------|------------|
| Termination overall length (L)               | mm | 1900      | 2020      | 1900        | 2020        | 2600     | 2300       | 2600     | 2300       | 2700     | 2420       |
| Termination height (H)                       | mm | 1400      | 1520      | N/A         | N/A         | 2100     | N/A        | 2100     | N/A        | 2200     | N/A        |
| Arcing distance                              | mm | 800       | 920       | 800         | 920         | 1600     | 1600       | 1600     | 1600       | 1720     | 1720       |
| Creepage distance                            | mm | 1850      | 2300      | 1850        | 2300        | 4365     | 4365       | 4365     | 4365       | 4897     | 4897       |
| Pollution level in accordance with IEC 60815 |    | III       | IV        | III         | IV          | IV       | IV         | IV       | IV         | IV       | IV         |
| Net weight (appr)                            | kg | 80        | 90        | 30          | 33          | 100      | 66         | 100      | 66         | 110      | 70         |
| Maximum allowed load on top connector        | kN | 5         | 5         | -           | -           | 6        | -          | 6        | -          | 6        | -          |

### CONTACT US



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