



ZU 7



**Insulating bracket model ZU 7**

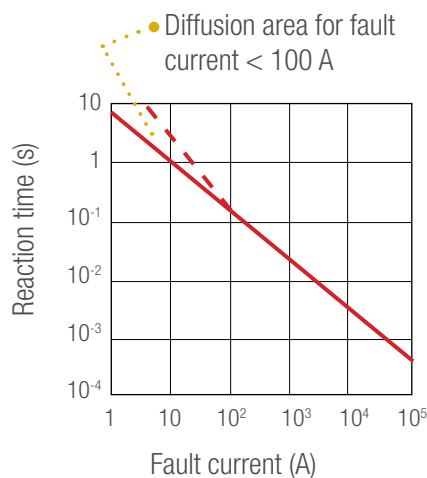
This insulating support is necessary to support the lower arrester end, when the disconnector device model ZU 4 is applied. This fixed the arrester and avoids leakage currents to ground.

Model ZU 7

|                         |                |
|-------------------------|----------------|
| <b>CODE</b>             | <b>107 000</b> |
| Max. applicable voltage | 30 kV          |
| GTIN (EAN)              | 8054890320054  |



**Disconnecter characteristic**



ZU 4

**Disconnecter device model ZU 4**

Surge arresters for medium voltage systems are often equipped with a disconnector that permits the disconnection of the surge arrester in case of an internal fault. This disconnection prevents a persistent fault in the network and provides a visual indication that the surge arrester is defect. The disconnector is activated by an increase in internal pressure due to the electrical arc caused by the sublimation of the internal connecting wire as a result of the fault current. The operating mechanism is very reliable and the characteristic remains constant even over long time.

**NOTE: It is important to ensure that sufficient insulating distance is kept for parts remaining energised after the detachment of the lower part of the disconnector.**

Model ZU 4

|  |  |
|--|--|
| <b>CODE</b>  | <b>104 000</b>   |
| Nominal discharge current (8/20 μs)                                      | 10 kA  |
| Frequency  | 48 - 62 Hz   |
| Altitude   | Up to 3000 m above sea level                                   |
| Housing  | Polyethylene with a low pressure rating, stabilized against UV |
| Minimum cross section and length for connection with flexible conductors | 16 mm <sup>2</sup> flexible / 300 mm                           |
| GTIN (EAN)   | 8054890320009  |

TECHNICAL DATA