# Accessories
## Bird protection

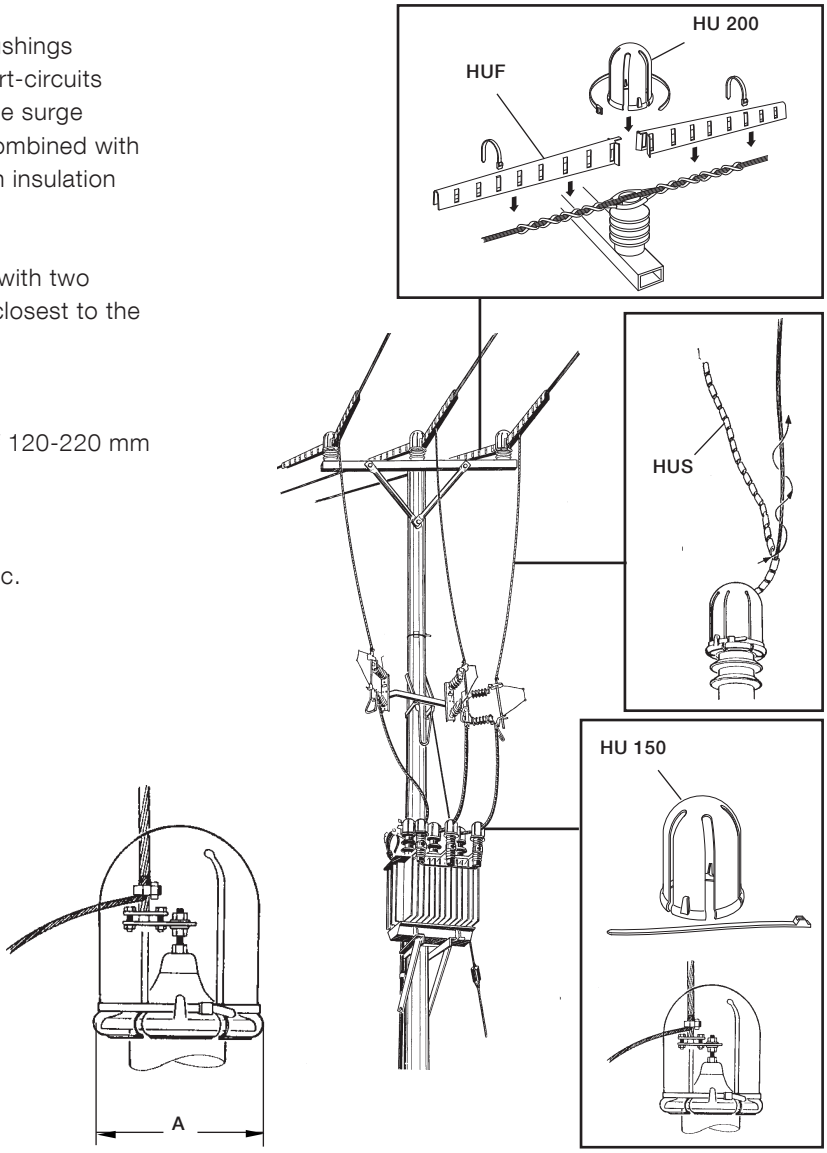


### Use
Used for bird protection on the high-voltage bushings for pole-mounted transformers. To prevent short-circuits caused by larger birds, HU is also placed on the surge arresters. For total protection, HU should be combined with an insulated down-conductor. This is done with insulation spiral HUS.

On post insulators, HU is used in combination with two wings HUF. This will protect the overhead line closest to the insulator from short-circuiting.

### Standards
HU is designed for bushings with a diameter of 120-220 mm according to DIN 42531 standard.

### Design
All components are made of UV-resistant plastic.




| Designation | Bushing diameter A | | Pieces/kit | Length | Weight |
|---|---|---|---|---|---|
| | min | max | | | |
| | mm | | | m | kg/item |
| HU 150 | 120 | 160 | 3 | – | 0.6 |
| HU 200 | 160 | 220 | 3 | – | 0.8 |
| HUF | – | – | 6 | 0.6 | 1.1 |
| HUS | – | – | 1 | 30 | 1.8 |