

# AFN 20-36

For single and three-core,  
outdoor terminations, 24-36 kV

## Information

AFN 20-36 terminations are suitable for outdoor installation of PEX-insulated medium voltage cables. AIN is a "slip-on" termination containing both field distributor and insulation in one single assembly.

- Fast and easy installation
- Silicone of high quality
- Covering full range of cross-sections

When installing 3-cores, conversion kit must be ordered. See details in table, next page.

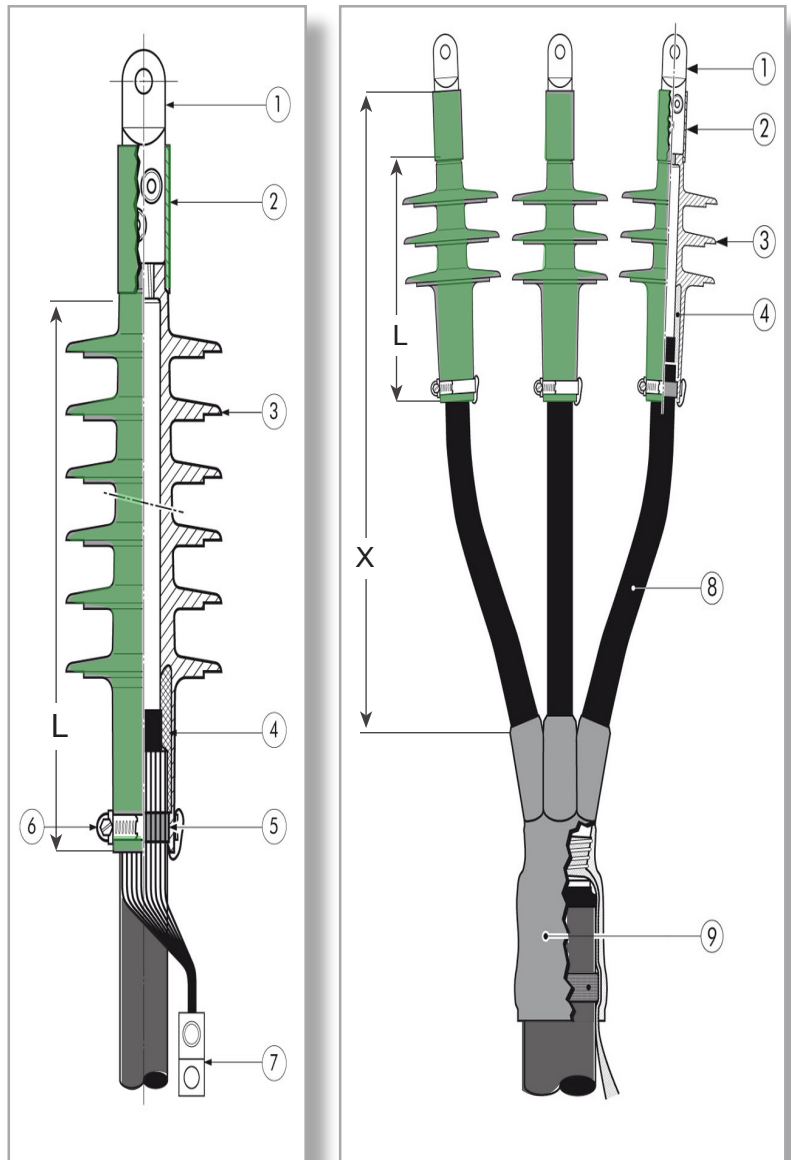
## Design

1. Cable-lug (not in the kit)
2. Cap of silicone-rubber
3. AIN-body of flexible silicone-rubber
4. Integrated field distributor element
5. Sealing mastic
6. Earthing clamp
7. Cable lugs for earth (not in the kit)
8. Heatshrink tube (3-core)
9. Heatshrink break-out (3-core)

## Specifications and standard

Meets the requirements of CENELEC HD 629.1 and IEC 60502-4.

For selection table, el. number and measurements, **see next page.**



Certified by DNV-GL, TAE00002HW.



# SELECTION TABLE

## AFN 20

For single and three-core, outdoor terminations, 24-36kV cables

### 24kV single core

| Voltage kV | Cross section mm <sup>2</sup> | Dia.over insulated cond. | L mm | Title                  | El. no    |
|------------|-------------------------------|--------------------------|------|------------------------|-----------|
| 24         | 25-70                         | 18,0-23,5                | 225  | AFN 20-1 3x1x25-70     | 11 325 64 |
|            | 95-240                        | 22,5-33                  | 225  | AFN 20-2 3x1x95-240    | 11 325 65 |
|            | 400-630                       | 34-46                    | 225  | AFN 20-4 3x1x400-630   | 11 325 66 |
|            | 630-800                       | 39-50                    | 405  | AFN 36-5 3x1x630-800   | 11 325 67 |
|            | 1000-1200                     | 46-58                    | 405  | AFN 36-6 3x1x1000-1200 | 11 325 68 |

### 24kV 3-core

| Voltage kV   | Cross section mm <sup>2</sup> | Dia.over insulated cond. | L mm | X mm    | Title             | El. no    |
|--|-------------------------------|--------------------------|------|---------|-------------------|-----------|
| 24   | 3x25-70                       | 18,0-23,5                | 225  | max.850 | AFN 20-1 3x25-70  | 11 325 69 |
|  | 3x95-240                      | 22,5-33,0                | 225  | max.850 | AFN 20-2 3x95-240 | 11 325 70 |
| Conversion kit 3/1-core, must be ordered seperatly |                               |                          |      |         |                   | 11 316 59 |

### 36kV single core

| Voltage kV | Cross section mm <sup>2</sup> | Dia.over insulated cond. | L mm | Title                 | El. no    |
|------------|-------------------------------|--------------------------|------|-----------------------|-----------|
| 36         | 95-240                        | 27,0-38,0                | 300  | AFN 30-2 3x1x95-240   | 11 325 77 |
|            | 240-400                       | 32,0-43,0                | 300  | AFN 30-3 3x1x240-400  | 11 325 78 |
|            | 400-630                       | 39,0-50,0                | 405  | AFN 36-5 3x1x400-630  | 11 325 67 |
|            | 630-1000                      | 46,0-58,0                | 405  | AFN 36-6 3x1x630-1000 | 11 325 68 |

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