

Air-termination rods

FL 85 Air-termination rod in the ground, freestanding



**Characteristics**  
Set including connection clamp. Dimensioned according to SIA 261 for wind load up to 1.1kN/m2 (150km/h)  
The pole is placed in a concrete tube  
Empty space should be filled with sand  
h = total length including earth area  
D = concrete tube diameter  
Excl. concrete tube

**Legend**  
Depth in the ground in m according to table below

| Article-Nr. | E-Number    |  |  |  |  |  |  |  |  |  |
|-------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 272.858.085 | 156 950 560 | AI                                                                                | 8500                                                                              | 70                                                                                | 300                                                                               |  |  |  | 1m                                                                                  | 0                                                                                   |
| 272.858.090 | 156 950 570 | AI                                                                                | 9000                                                                              | 70                                                                                | 300                                                                               |  |  |  | 1m                                                                                  | 0                                                                                   |
| 272.858.110 | 156 950 580 | AI                                                                                | 11000                                                                             | 70                                                                                | 300                                                                               |  |  |  | 1.5m                                                                                | 0                                                                                   |
| 272.858.120 | 156 950 590 | AI                                                                                | 12000                                                                             | 80                                                                                | 300                                                                               |  |  |  | 1.5m                                                                                | 0                                                                                   |
| 272.858.130 | 156 950 660 | AI                                                                                | 13000                                                                             | 80                                                                                | 300                                                                               |  |  |  | 1.5m                                                                                | 0                                                                                   |
| 272.858.150 | 156 950 670 | AI                                                                                | 15000                                                                             | 100                                                                               | 300                                                                               |  |  |  | 2m                                                                                  | 0                                                                                   |
| 272.858.160 | 156 950 680 | AI                                                                                | 16000                                                                             | 120                                                                               | 300                                                                               |  |  |  | 2m                                                                                  | 0                                                                                   |
| 272.858.175 | 156 950 690 | AI                                                                                | 17500                                                                             | 150                                                                               | 300                                                                               |  |  |  | 2m                                                                                  | 0                                                                                   |
| 272.858.180 | 156 950 740 | AI                                                                                | 18000                                                                             | 150                                                                               | 300                                                                               |  |  |  | 2m                                                                                  | 0                                                                                   |
| 272.858.190 | 156 950 750 | AI                                                                                | 19000                                                                             | 150                                                                               | 300                                                                               |  |  |  | 2m                                                                                  | 0                                                                                   |

Technical Specifications: **Air-termination rod in the ground, freestanding FL 85**

|                                    |                                    |             |             |             |
|------------------------------------|------------------------------------|-------------|-------------|-------------|
|                                    | 272.858.085                        | 272.858.090 | 272.858.110 | 272.858.120 |
| Material                           | Al                                 |             |             |             |
| Height H                           | 8500 mm                            | 9000 mm     | 11000 mm    | 12000 mm    |
| External diameter                  | 70 mm                              |             |             | 80 mm       |
| Diameter D                         | 300 mm                             |             |             |             |
| High-voltage-proof insulated model | No                                 |             |             |             |
| Surface protection                 | untreated                          |             |             |             |
| Model                              | Air-termination rod in the ground, |             |             |             |
| Connection                         | Round conductor                    |             |             |             |
| Commercial specification           |                                    |             |             |             |
| Customs number                     | 85389000                           |             | 85359000    | 85389000    |
| country of origin                  | CE                                 |             |             |             |

|                                    |                                    |             |             |             |
|------------------------------------|------------------------------------|-------------|-------------|-------------|
|                                    | 272.858.130                        | 272.858.150 | 272.858.160 | 272.858.175 |
| Material                           | Al                                 |             |             |             |
| Height H                           | 13000 mm                           | 15000 mm    | 16000 mm    | 17500 mm    |
| External diameter                  | 80 mm                              | 100 mm      | 120 mm      | 150 mm      |
| Diameter D                         | 300 mm                             |             |             |             |
| High-voltage-proof insulated model | No                                 |             |             |             |
| Surface protection                 | untreated                          |             |             |             |
| Model                              | Air-termination rod in the ground, |             |             |             |
| Connection                         | Round conductor                    |             |             |             |
| Commercial specification           |                                    |             |             |             |
| Customs number                     | 85389000                           |             |             |             |
| country of origin                  | CE                                 |             |             |             |

|                                    |                                    |             |
|------------------------------------|------------------------------------|-------------|
|                                    | 272.858.180                        | 272.858.190 |
| Material                           | Al                                 |             |
| Height H                           | 18000 mm                           | 19000 mm    |
| External diameter                  | 150 mm                             |             |
| Diameter D                         | 300 mm                             |             |
| High-voltage-proof insulated model | No                                 |             |
| Surface protection                 | untreated                          |             |
| Model                              | Air-termination rod in the ground, |             |
| Connection                         | Round conductor                    |             |
| Commercial specification           |                                    |             |
| Customs number                     | 85389000                           |             |
| country of origin                  | CE                                 |             |

