

Self-testing Prevectoron[®] 2 Millenium T v2 Lightning Conductor

The self-testing Prevectoron[®] Millenium lightning conductors (T series v2) allow to check that the triggering device is operating properly without having to access to the lightning air terminal. It consists of a test circuit integrated into the lightning conductor as well as an external solar powered energy and communication module fastened to the base of the central rod.

The test is initiated from the ground or from the roof terrace, at a maximum distance of 50 m, using a dedicated radio remote control unit.

The Prevectoron[®] T lightning air terminals indicate their operational status themselves by lighting up powerful red LEDs located under the stainless steel casing.

Auto testables **T SERIES**

Prevectoron[®] 2 MILLENIUM

S 3.40T - S 4.50T - S 6.60T



S 3.40T



S 4.50T



S 6.60T

non contractual pictures

Characteristics

- The test procedure is triggered remotely.
- After a self-check cycle, the result of the test appears spontaneously.
- The analysis result is displayed directly on the lightning conductor.

Advantages

- The PREVECTRON[®] 2 Millenium T internal circuit and the test circuit are totally **independent** from each other. Radius of protection of PREVECTRON[®] 2 Millenium T remain unchanged compared with standard PREVECTRON[®] 2 Millenium models.
- The test circuit is powered by a **high-capacity military-grade** battery that offers **excellent outdoor performance** whatever the weather. This battery is charged by a solar panel.
- The PREVECTRON[®] 2 Millenium T lifetime is not limited by the additional test circuit and power module.
- The battery lifetime is guaranteed at least 5 years. Its replacement is very easy.
- The test is possible during the day **independently of the weather conditions**.
- Only the triggering of the test is carried out by remote control, guaranteeing the system's reliability.
- The communication module is in a separate enclosure underneath the Prevectoron[®] 2 and has **reinforced EMC protection**.

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Weight of the PREVECTRON[®]:

- S 3.40 T: 5.4 kg
- S 4.50 T: 5.5 kg
- S 6.60 T: 5.6 kg

Weight of the power & communication module:

1 kg

Product references:

S 3.40 T: P1223N

S 4.50 T: P1233N

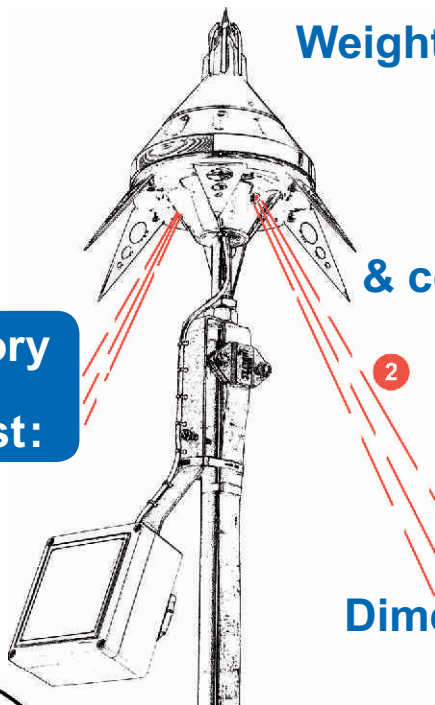
S 6.60 T: P1243N

Remote control v2: P1291N

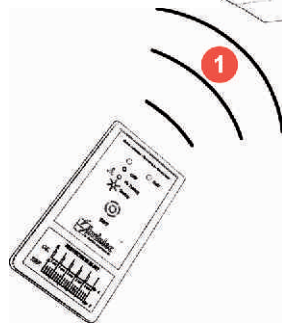
Dimensions of the solar powered module:

122 x 120 x 55 mm

Explanatory diagram for the test:



- 1 Activation of the test by the remote control unit
- 2 Flashing of the LEDs



Protection Level I:

Protection radius

h (m)	2	3	4	5	10
S 6.60T	31	47	63	79	79
S 4.50T	27	41	55	68	69
S 3.40T	23	35	46	58	59

Protection Level II:

h (m)	2	3	4	5	10
S 6.60T	34	52	68	86	88
S 4.50T	30	45	60	76	77
S 3.40T	26	39	52	65	67

Protection Level III:

h (m)	2	3	4	5	10
S 6.60T	39	58	78	97	99
S 4.50T	34	52	69	86	88
S 3.40T	30	45	60	75	77

Protection Level IV:

h (m)	2	3	4	5	10
S 6.60T	43	64	85	107	109
S 4.50T	38	57	76	95	98
S 3.40T	33	50	67	84	87



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