

Lightning Protection Systems

according to NFC 17-102

LIGHTNING CONDUCTOR IONOSTAR

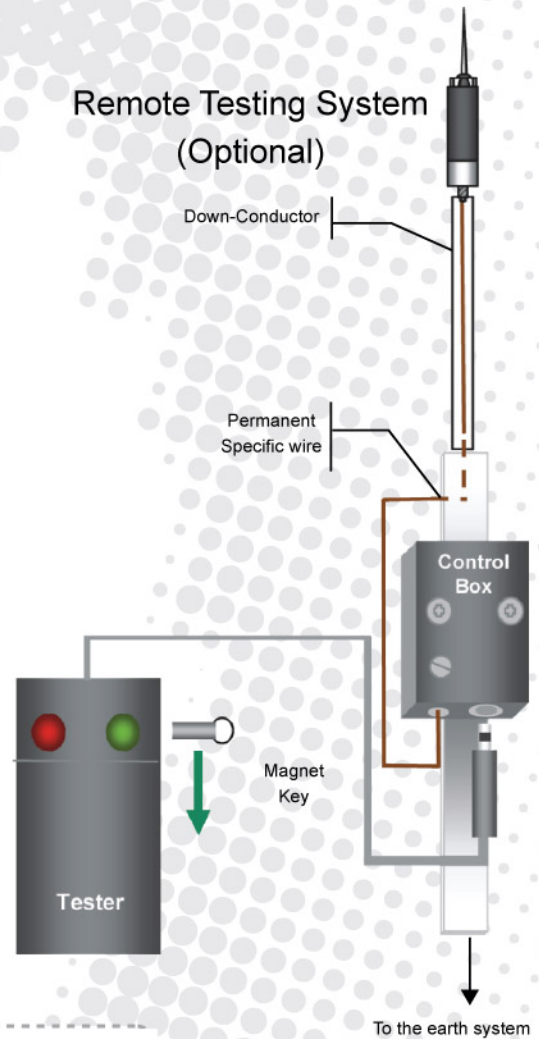
THE SECOND GENERATION

The patented IONOSTAR (E.S.E) lightning conductors, work from the energy of the thundercloud electrical field transmitted via the descending tracers.

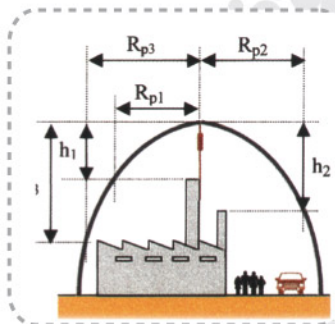
Its ionizing device captures the ambient electromagnetic field. This powerful rising potential is simultaneously amplified by a device based on spark gaps.

The resulting ionization causes a significant advance on the startup time of both positive and negative discharges. When the lightning strike reaches the rod, the discharge current is deviated to an electrode directly connected to earth, protecting the ionizing device of the IONOSTAR lightning conductor.

Remote Testing System (Optional)



PARATONNERRES POUYET



		h(m)		2	3	4	5	7	10	20	30	60	
		Reference	▲ L	Protection Radius Rp(m)									
LEVEL 3	IONOSTAR	64	P31064	60	43	64	85	107	108	109	113	116	120
	IONOSTAR	45	P31045	45	36	54	72	89	91	92	97	101	105
	IONOSTAR	32	P31032	32	29	44	59	74	75	77	83	87	92
LEVEL 2	IONOSTAR	64	P31064	60	39	58	78	97	98	99	102	104	-
	IONOSTAR	45	P31045	45	32	48	64	81	82	83	86	89	-
	IONOSTAR	32	P31032	32	26	39	53	66	67	69	73	76	-
LEVEL 1	IONOSTAR	64	P31064	60	31	47	63	79	79	79	80	-	-
	IONOSTAR	45	P31045	45	25	38	51	63	64	64	65	-	-
	IONOSTAR	32	P31032	32	20	30	40	50	50	51	52	-	-

IONOSTAR LIGHTNING CONDUCTOR GENERAL CHARACTERISTICS:

Net Weight : 5.0 kg Gross Weight : 6.4 kg Height : 2.4 m Material : Stainless steel and resin.

