

NLP-22EZ

External Lightning Protection
Capture system - Air terminal



General Data

Description	NLP-22EZ is the series of lightning rods with electronic early streaming emission (ESE).
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PART NUMBERS

NLP-22EZ	77901040
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TECHNICAL FEATURES

Early streamer emission time - ESE time [μs]	60
Max. withstood current (10/350)- Iimp [kA]	100
Min. flat tape width [mm]	25
Max. flat tape width [mm]	30
Min. flat tape thickness [mm]	2
Max. flat tape thickness [mm]	6

PROTECTION RADIUS based on the model of lightning rod (UNE 21186/ NFC 17-102)																	
Level of protection		Level I (D=20 m)				Level II (D=30 m)				Level III (D=45 m)				Level IV (D=60m)			
h (m)	ΔT(μs) →	15	30	45	60	15	30	45	60	15	30	45	60	15	30	45	60
2		13	19	25	31	15	22	28	35	18	25	32	39	20	28	36	43
3		19	29	38	47	22	33	42	52	27	38	48	58	31	43	54	64
4		25	38	51	63	30	44	57	69	36	51	64	78	41	57	72	85
5		32	48	63	79	37	55	71	86	45	63	81	97	51	71	89	107
10		34	49	64	79	40	57	72	88	49	66	83	99	56	75	92	109
20		35	50	65	80	44	59	74	89	55	71	86	102	63	81	97	113
30		34	49	64	79	45	60	75	90	58	73	89	104	69	85	101	116
40		29	46	62	77	44	59	74	89	60	75	90	105	72	88	103	118
50		18	40	58	74	40	57	72	88	60	75	90	105	74	89	105	120
60		-	30	51	69	34	52	69	85	58	73	89	104	75	90	105	120

MECHANICAL AND ENVIRONMENTAL FEATURES

Temperature range [°C]	-20 ... 80
Insulating material	Stainless steel
Housing color	Silver
Enclosure - IP	IP67
Min. Cable section [mm²]	50

DATASHEET

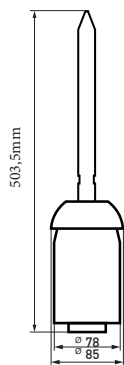
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DIMENSIONS AND WEIGHT



Net Weight [kg]	2.878
Gross weight [kg]	3.307
Packaging dimensions [mm]	400 × 200 × 120