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ALMAKO

FOR THE REGION ALBANIA-MACEDONIA-KOSOVO



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E.S.E LIGHTNING CONDUCTORS

PROTECTION SYSTEMS – E.S.E LIGHTNING CONDUCTORS

Created for your safety and to fit modern architecture!






Solutions or Lightning Conductors that we offer are diligently tested and are in accordance with the latest NFC 17-102: 2011 and UNE 21186: 2011 standards.

The high quality products are made of stainless steel and cause no risk for the environment, which is confirmed by TÜV Austria. The discharge capacity of lightning is confirmed by the laboratories BET Germany and CTI Vienna.

The protection radius:

Rp (m) Np h(m)	AM ($\Delta T: 15 \mu s$)				AS ($\Delta T: 30 \mu s$)				DAS ($\Delta T: 45 \mu s$)				AIDA ($\Delta T: 60 \mu s$)			
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
2	13	15	18	20	19	22	25	28	25	28	32	36	31	35	39	43
4	25	27	36	41	38	44	51	57	51	57	64	72	63	69	78	85
5	32	37	45	51	48	55	63	71	63	71	81	89	79	86	97	107
6	32	38	46	52	48	55	64	72	63	71	81	90	79	87	97	107
8	33	39	47	54	49	56	65	73	64	72	82	91	79	87	98	108
10	34	41	49	56	49	57	66	75	64	72	83	92	79	88	99	109
20	35	43	55	63	50	60	73	85	65	74	86	97	80	89	102	113
30	35	45	58	69	50	59	71	81	65	75	89	101	80	90	104	116

Lightning Conductors (According to NFC 17-102):

					
MODEL	S-AM	S-AS	S-A	S-DAS*	S-DA*
PROTECTION RADIUS	15 μ s	30 μ s	60 μ s	45 μ s	63 μ s
TESTED PROTECTION RADIUS T (μS)	17 μ s	32 μ s	65 μ s	47 μ s	73 μ s
SIZE (CM)	48x9	55x12	59x12	66x12	70x12
WEIGHT (KG)	1,2	2,6	2,8	3,8	4,1
MATERIAL	Stainless steel				
STANDARDS	NFC 17-102: 2011 and UNE 21186: 2011				