



## PROTART-30 ESE LIGHTNING CONDUCTOR

PROTART-30 ESE LIGHTNING CONDUCTOR is manufactured from high quality stainless steel which makes it durable against the toughest weather conditions.



When there is change in the electro magnetic field in the atmosphere, the ion generator inside the PROTART-30 ESE terminal begins to release positive ions in to the atmosphere which attracts the lightning emissions on to the ESE rod. PROTART-30 ESE rod is a unique product in a sense that it's measured  $\Delta T$  is 57  $\mu s$  which is also making it suitable for the requirements for an ESE rod with a  $\Delta T$ : 45  $\mu s$  proving a wide coverage. Standard product does not come with an adaptor. The adaptor rod has 30mm diameter with a 25mm internal diameter but we are able to manufacture rod adaptors to the customers requirement. Our product is certified from Middle Eastern Technical University in NFC 17.102 Annex C. You are able to find all the dimensional information regarding PROTART-30 ESE inside the relevant NFC 17.102 test report.

Product Code	Material	$\Delta T$ : NFC-17 102 Test Results	Packing Dimensions(Cms)	Weight (kg)
PROTART-30	Stainless Steel	$\Delta T$ : 57 $\mu s$	37x22x12	1.98

## PROTART-60 ESE LIGHTNING CONDUCTOR

PROTART-60 ESE LIGHTNING CONDUCTOR is manufactured from high quality stainless steel which makes it durable against the toughest weather conditions.



When there is change in the electro magnetic field in the atmosphere, the ion generator inside the PROTART-60 ESE terminal begins to release positive ions in to the atmosphere which attracts the lightning emissions on to the ESE rod. Standard product does not come with an adaptor. The adaptor rod has 30mm diameter with a 25mm internal diameter but we are able to manufacture rod adaptors to the customers requirement. Our product is certified from Middle Eastern Technical University in NFC 17.102 Annex C. You are able to find all the dimensional information regarding PROTART-60 ESE inside the relevant NFC 17.102 test report.

Product Code	Material	$\Delta T$ : NFC-17 102 Test Results	Packing Dimensions(Cms)	Weight (kg)
PROTART-60	Stainless Steel	$\Delta T$ : 72 $\mu s$	37x22x12	2.32

## PROTECTION RADIUS TABLE

Rp (m)	PROTART-30 $\Delta L$ : 30m $\Delta T$ : 30 $\mu$ s				PROTART-30 $\Delta L$ : 45m $\Delta T$ : 45 $\mu$ s				PROTART-60 $\Delta L$ : 60m $\Delta T$ : 60 $\mu$ s			
	Level I	Level II	Level III	Level IV	Level I	Level II	Level III	Level IV	Level I	Level II	Level III	Level IV
2	19	22	25	28	25	28	32	36	31	35	39	43
4	38	44	51	57	51	57	64	72	63	69	78	85
5	48	55	63	71	63	71	81	89	79	86	97	107
6	48	55	64	72	63	71	81	90	79	87	97	107
8	49	56	65	73	64	72	82	91	79	87	98	108
10	49	57	66	75	64	72	83	92	79	88	99	109
20	50	59	71	81	65	74	86	97	80	89	102	113
30	50	60	73	85	65	75	89	101	80	90	104	116
60	50	60	75	90	65	75	90	105	80	90	105	120

Product is certified from Middle Eastern Technical University

## PRO LSC

### LIGHTNING STRIKE COUNTER

PRO LSC works based on the inductive field principle of the lightning strike, when a lightning strike occurs and as the current travels through the down conductor; it operates the transformer device which advances the analog counter by a digit which is visible on the façade of the product.



### Technical Specifications

- 6 digit analog counter (Non- Resetable)
- Detecting currents from 2 to 100 kA.
- Is not subject to an external power supply.
- Simple assembly.
- Dimensions: (Length) 13.5cm X (Width) 11.5cm X (Height) 6cm