

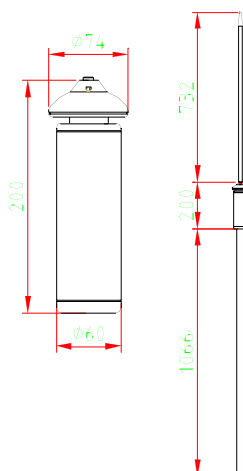
## DATA SHEET LIGHTNING CONDUCTOR

Product code	Year of creation	Updating date
<b>IMH.4512</b>	2000	19/11/01

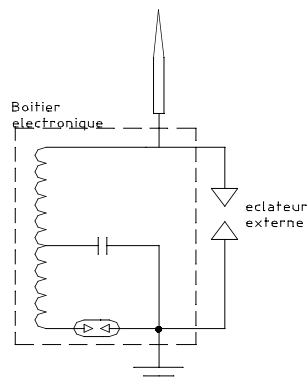
PRODUCT NAME	PULSAR 45
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FUNCTION	Direct lightning protection
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### DRAWING



### ELECTRICAL DIAGRAM



### MECHANICAL CHARACTERISTICS

Fixing	Threaded base M30x1.25		
IP protection level	IP 67		
Body weight	2,4 kg		
Dimensions	Body	Length	230 mm
		Diameter	60 mm
	Tip	Length	745 mm
		Diameter	18 mm
Mast / pole	Length	1100 mm	
	Diameter	30 mm	
Material	Stainless steel 304L		
Color	Metal		
Wind Resistance	230 km/h		

### CORROSION PROOF

Salty fog	168 h according to the standard CEI 60068-2-11 / NF C20-711
SO2	7 days according to NF EN ISO 6988
Moistures and Temperatures Resistance	According to the standard CEI 60068-2-61 / NF C20-761

### ELECTRICAL CHARACTERISTICS

Lightning Waveshape Test	100kA at 10/350 waveshape
EMC - perturbations scale	Comply with the standard EN 50 081.1
- perturbations proof	Comply with the standard EN 50 082.2

### CHARACTERISTICS ACCORDING NFC 17-102 STANDARD

Initiation Advance Gain Time	45 μs
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### OTHERS CHARACTERISTICS

Operation temperature	- 20°C to + 120°C.
Patent	EP 0 192 000 B1
CE Trade mark	Yes
MTBF (Mean Time Before Failure)	3243 years

### MAINTENANCE

Test process	Test kit with 8 m pole : PMH.0800
Testing frequency	According NFC 17-102 standard

### LOGISTIC

Serial number	Stamped on the base
Packaging	Packed in its cardboard (body) / tip & pole separately