We connect and protect

Early Streamer Emission Terminal

Power Utilities

nVent ERICO INTERCEPTOR ESE i-Series generates controlled magnitude and frequency pulses at the tip of the terminal during high static fields prior to a lightning discharge. This enables the creation of an upward leader from the terminal that propagates toward the downward leader coming from the thunder cloud.

These early streamer emission air terminals (ESEAT) are in accordance with the 2011 edition of NFC 17-102. The design requirements, protection level calculations and protection radius are obtained from this standard. Due to the internal control circuit, the nVent ERICO INTERCEPTOR ESE i-Series enables the early launching of an upward leader compared to other passive components.

The nVent ERICO INTERCEPTOR ESE i-Series has been extensively tested at an independent high-voltage laboratory in accordance with the revised 2011 requirements of French NFC 17-102. The testing, as defined in the standard, was designed to simulate naturally occurring conditions and allow comparison of the performance between differing types of lightning protection systems.

CERTIFICATIONS

UL CERTIFIED SAFETY E507847

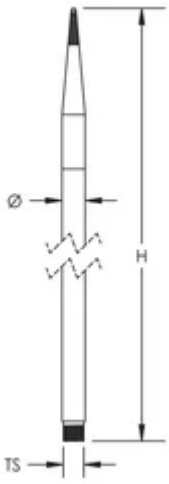
FEATURES

- Designed and tested to NF C 17-102 and similar standards
- Available in three models to suit specific site requirements
- Suitable for use with a variety of downconductor systems including tape, stranded conductor and nVent ERICO Ericore conductor

SPECIFICATIONS

Table 1/1				
Catalog Number	**Triggered Advance, ΔT**	**Temperature**	**Height (H)**	**Unit Weight**
SI60I	60 µs	120 °C Max	684.60 mm	1.450 kg

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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