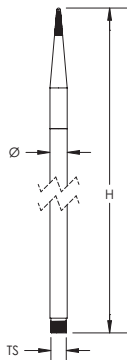


# Early Streamer Emission Terminal



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.

- 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



Complies With: NF C17-102:2011, NP 4426:2013, UNE 21186:2011

| Part Number                                | Triggered Advance, $\Delta T$ | Temperature | Diameter $\varnothing$ | Height H | Thread Size TS | Unit Weight |
|--|-------------------------------|-------------|------------------------|----------|----------------|-------------|
| Material: Stainless Steel 304L (EN 1.4306) |                               |             |                        |          |                |             |
| SI25I                                      | 25 $\mu s$                    | 120 °C Max  | 28 mm                  | 684,6 mm | MF25           | 1,53 kg     |
| SI40I                                      | 40 $\mu s$                    | 120 °C Max  | 28 mm                  | 684,6 mm | MF25           | 1,36 kg     |
| SI60I                                      | 60 $\mu s$                    | 120 °C Max  | 28 mm                  | 684,6 mm | MF25           | 1,45 kg     |
| Material: Stainless Steel 316L (EN 1.4404) |                               |             |                        |          |                |             |
| SI60I316                                   | 60 $\mu s$                    | 120 °C Max  | 28 mm                  | 684,6 mm | MF25           | 1,45 kg     |

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.erico.com](http://www.erico.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.

© 2021 nVent All rights reserved

nVent, nVent CADDY, nVent ERICO, nVent ERIFLEX and nVent LENTON are owned by nVent or its global affiliates.

All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without prior notice.