

nVent ERICO Lightning Registration System



nVent ERICO provides the ability to collect data for the analysis of lightning strikes in wind turbines. When lightning current is conducted to ground via the lightning downconductor, a magnetic field is created around the conductor. The strength of the magnetic field is proportional to the strength of the lightning current. By installing a card with a special magnetic code trail perpendicular on the conductor, the magnetic field generated by the lightning will delete the data in the area where its strength is higher than the resistance of the code trail. The maximum lightning current to which a card has been exposed can then be read by the card reader.



WTBLC10

**nVent ERICO
Lightning Card**
Package of 10



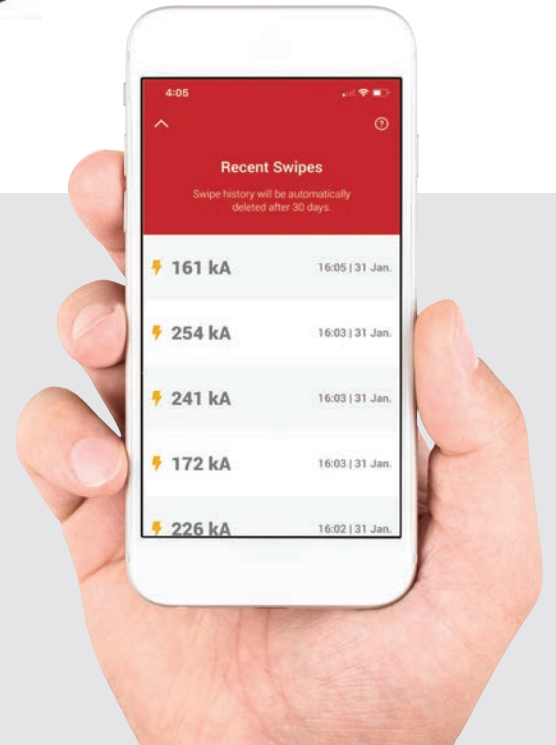
WTBLC

**nVent ERICO
Lightning Card
Holder**



WTBLCR

**nVent ERICO
Lightning Card
Reader**



- System captures data for analysis of lightning impacts and potential damage
- Unique serial numbers can associate data to the specific location and installation time
- Accurately measure the maximum peak lightning strike recorded on any WTBLC10 nVent ERICO Lightning Card
- Immediately access lightning strike data using a mobile platform
- For use with Apple and Android devices



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