



NIBE



World-class solutions in sustainable energy

SAN Electro Heat a/s

CAT Heating

- Prevent ice & frost accumulation on contact wire
- Reduce mechanical stresses on the contact wire
- Quick and easy installation
- High heating efficiency
- Superior performance
- State-of-the-art control systems
- Monitoring and control



CAT Heating



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CAT Heating – where?

- Tunnels



- Bridges



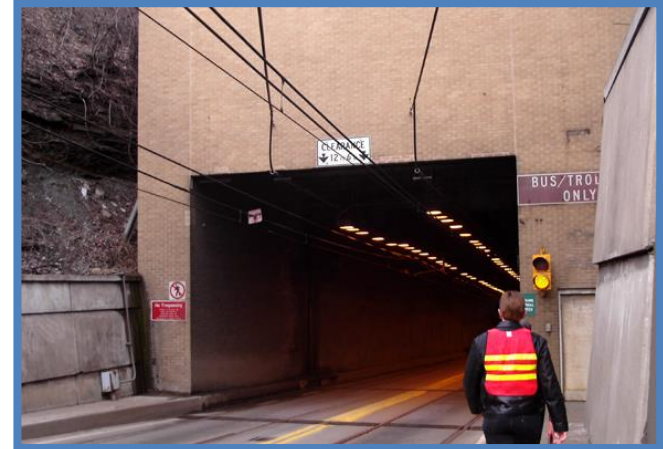
- Water fronts



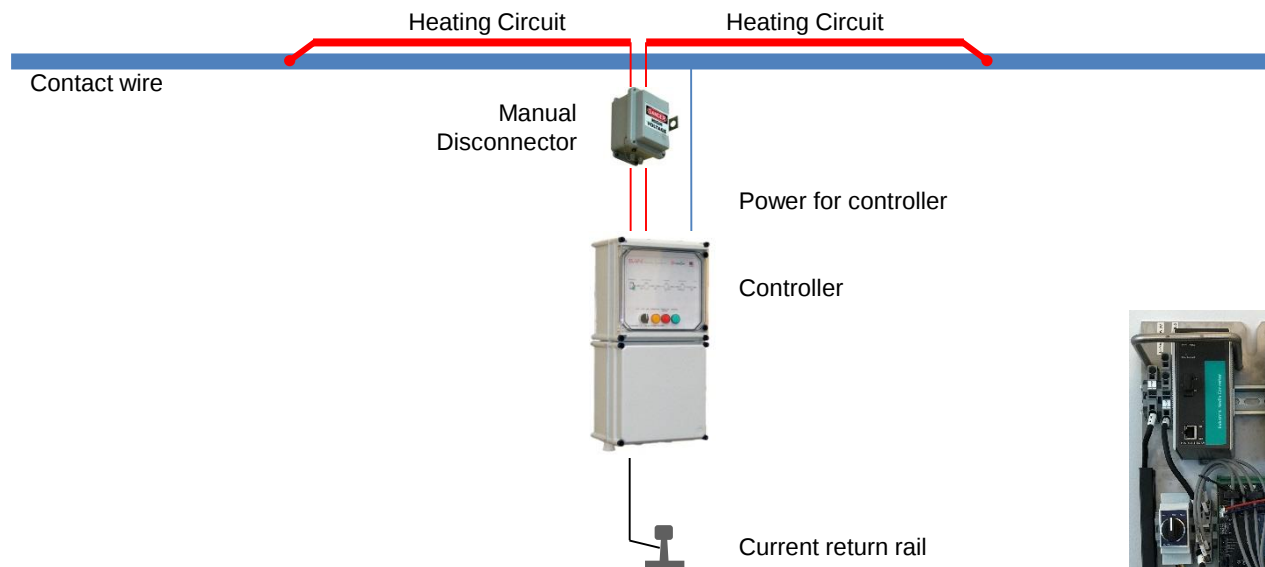
- Climing



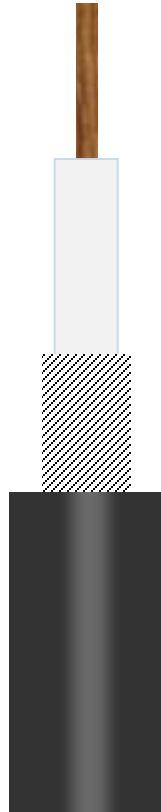
- Depots



CAT Heating - Installation



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Heating Cable

Dimension: Triangle 6.5 x 6.5 x 6.5 mm
 Weight/m: 70-80 g/m Including 4 clips
 Power output: Nominal 36 W/m / 11 W/ft

Cable type:

CAT-100-100

Design length: @ 750V: 75 meter / 250ft
 Volt per meter: 10 V/meter / 3,05 V/ft
 Resistance: 2,7 ohm/m / 0,823 ohm/ft

Cable type:

CAT-100-050

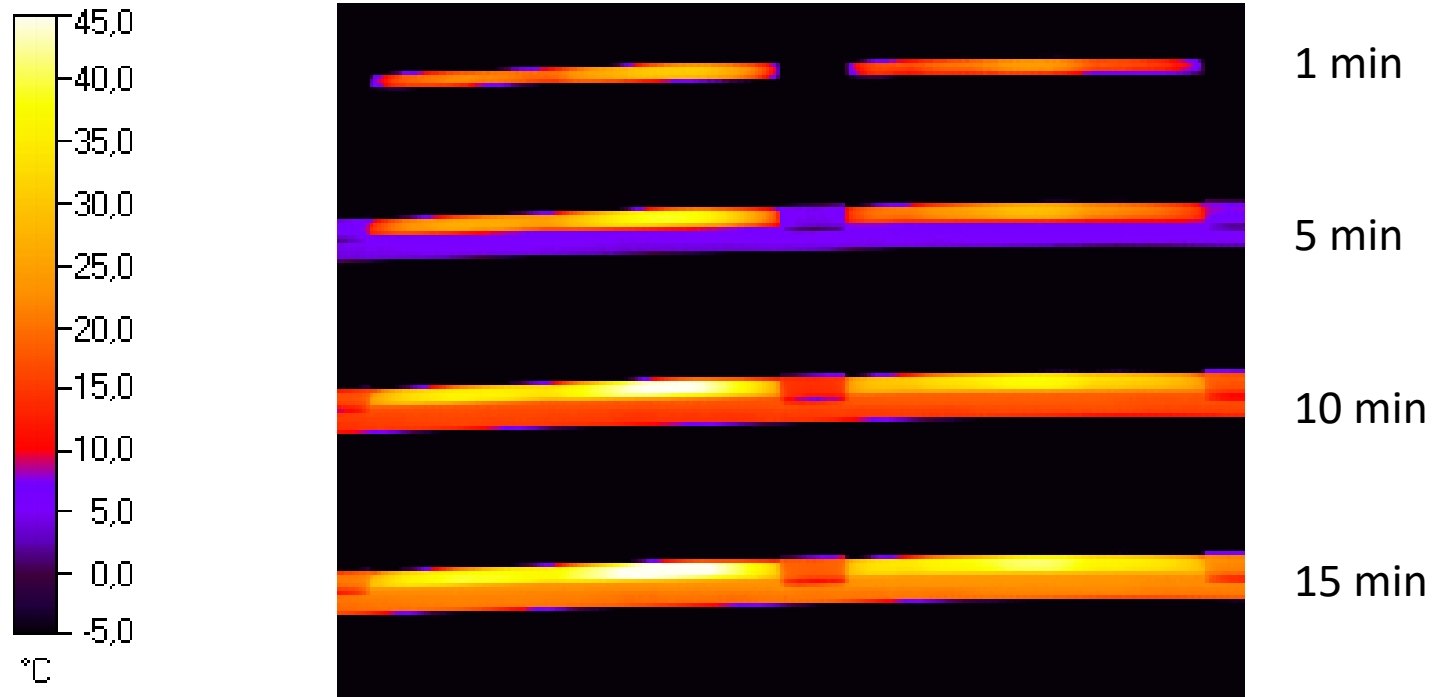
Design length: @ 750V: 150meter / 500ft
 Volt per meter: 5 V/meter / 1,52 V/ft
 Resistance: 0,7 ohm/m / 0,213 ohm/ft

Cable type:

CAT-100-025

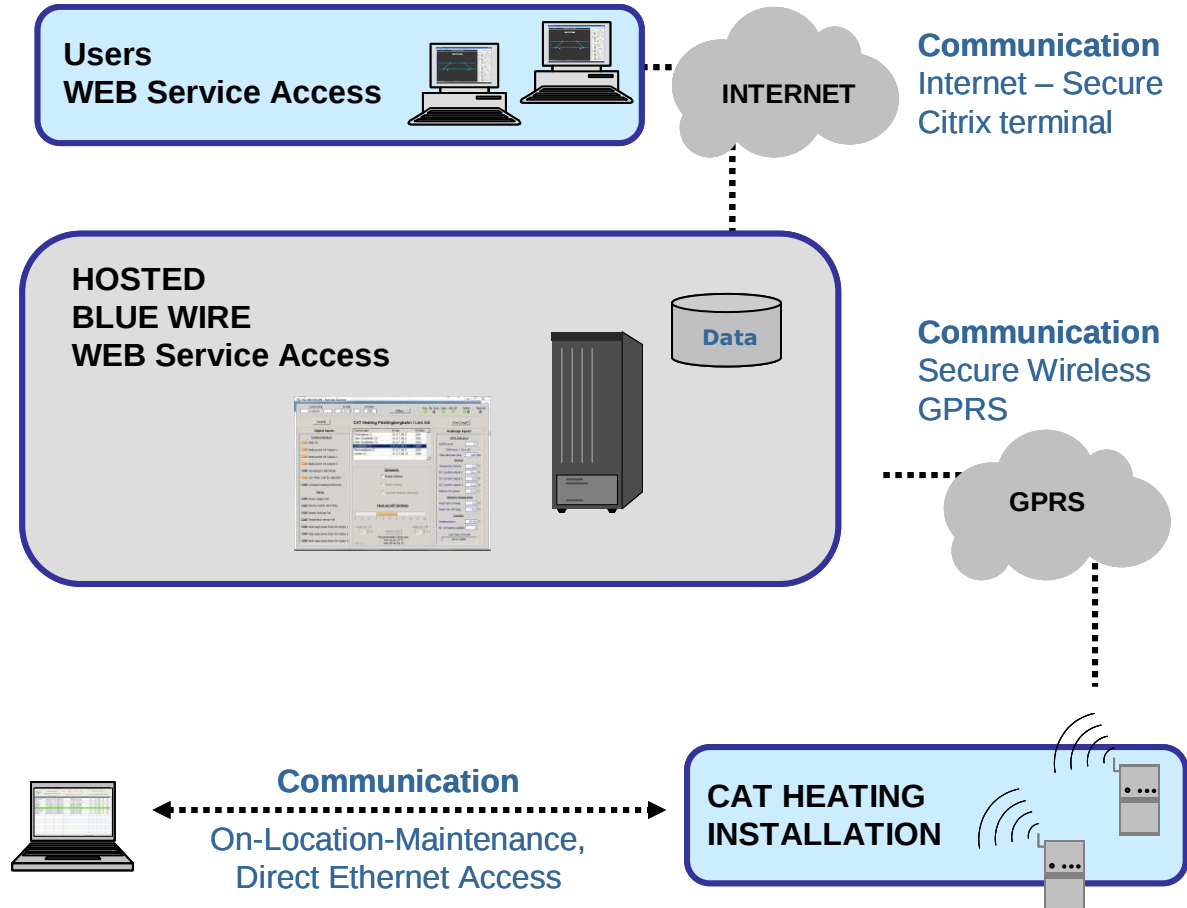
Design length: @ 750V: 300meter / 1000ft
 Volt per meter: 2,5 V/meter / 0,762 V/ft
 Resistance: 0,17 ohm/m / 0,052 ohm/ft

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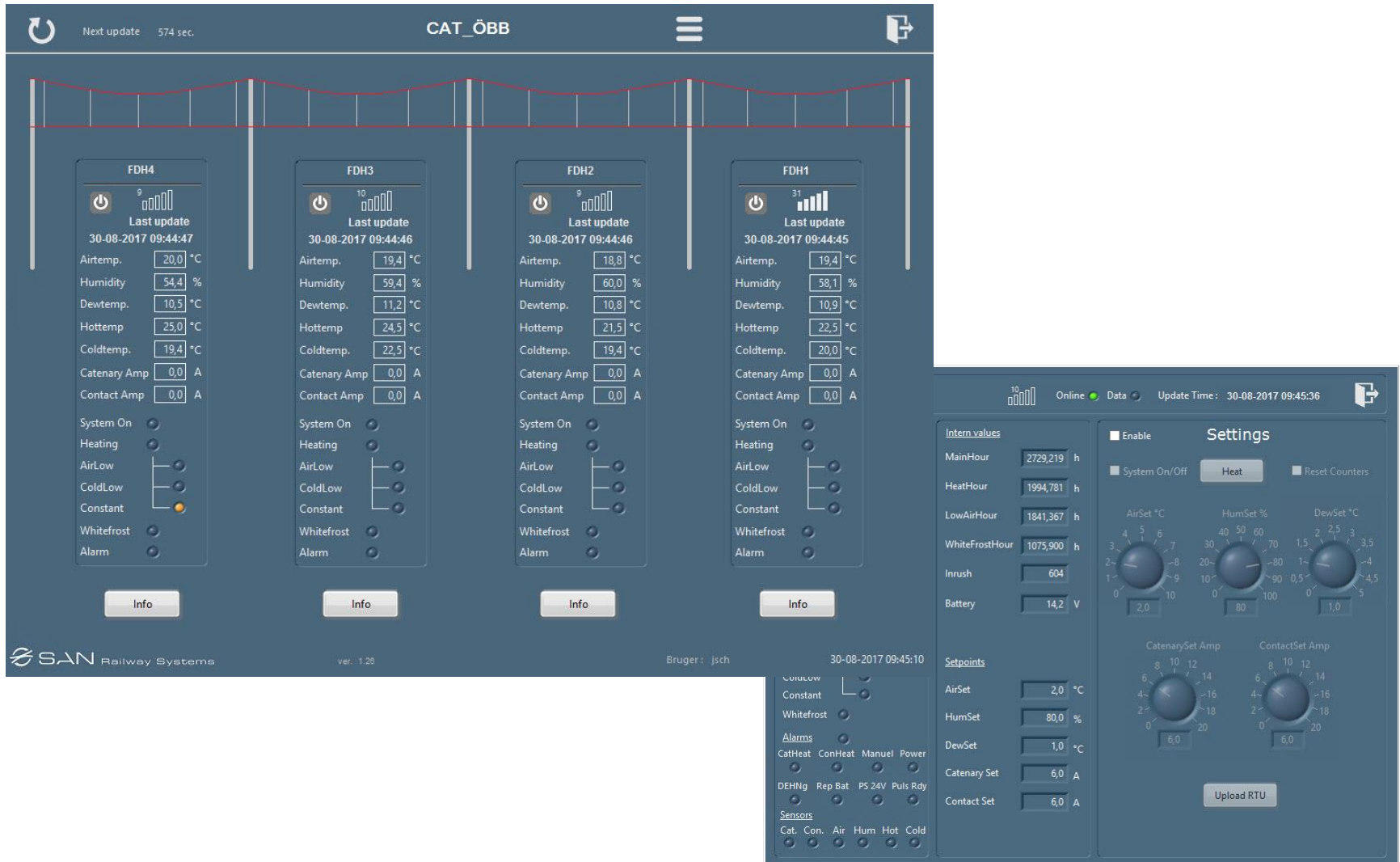


-5°C, wind speed 2-3 m/sec, 78% RH, Power 28 W/m.

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Thank you for your time

