



ISO 9001 CERTIFIED

# DNH

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**DNH GmbH**

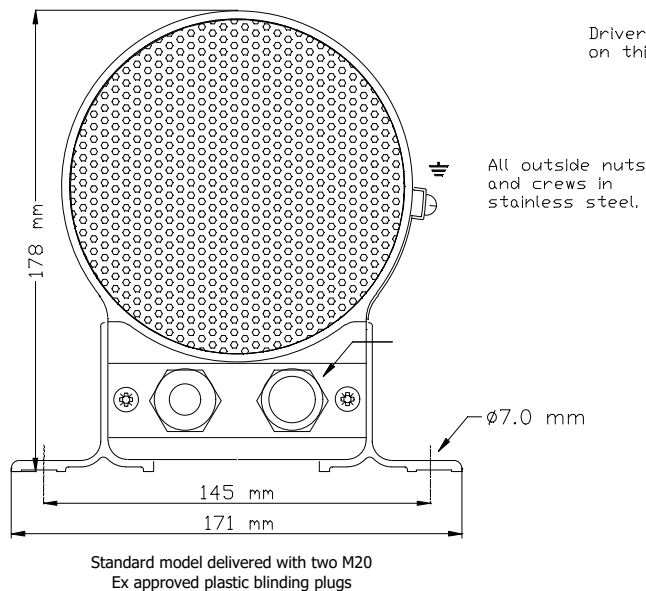
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## CAREEX-6(T)

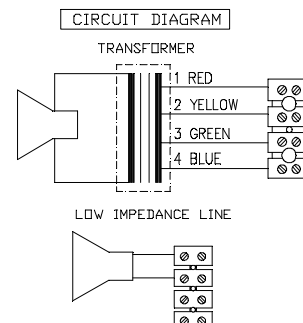
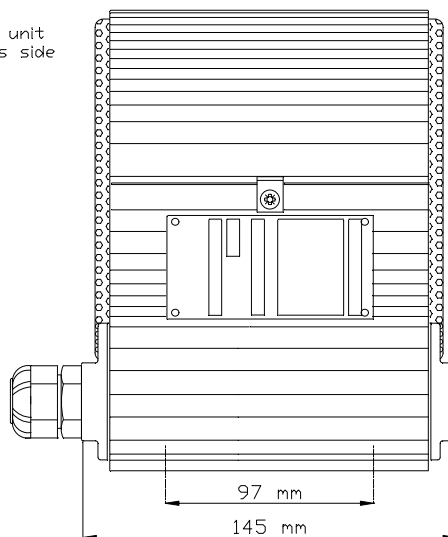
USA

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Driver unit  
on this side



100 Volt transformer  
Primary connections

|       |       |
|-------|-------|
| 1 : 2 | 6,0 W |
| 2 : 3 | 3,0 W |
| 3 : 4 | 1,5 W |
| 1 : 3 | 1,0 W |
| 2 : 4 | 0,5 W |
| 1 : 4 | 0,3 W |

Certified by/ Certification code / Number: NEMKO / EEx de IIB+H2 T6 Gb/ Nemko 10 ATEX 1054  
IECEx NEM 11.0016



Sound pressure levels at 1W/1m

SPL vs Freq



Specifications

|                               |                            |
|-------------------------------|----------------------------|
| Material / Color              | Aluminum / Anodized        |
| Mounting                      | Foot Bracket               |
| Termination                   | e-chamber, screw terminals |
| Weight w/transformer          | 3,6 kg                     |
| IP-rating (e-chamber)         | 67                         |
| Max. / min. amb. temp         | 40°C / -20°C               |
| Rated / max. power            | 6 W / 15 W                 |
| SPL 1W/1m                     | 90 dB                      |
| SPL rated power               | 97 dB                      |
| Effective freq. range         | 160 – 16000 Hz             |
| Dispersion (-6dB) 1kHz / 4kHz | 200° / 40°                 |
| Directivity factor, Q 1kHz    | 1,8                        |
| Options                       | Impedances, colors, labels |

### Installation, Operation and Maintenance Procedures

- Fasten loudspeaker to wall or ceiling with four screws by use of the extruded aluminum brackets on each side.
- Enter the e-chamber by loosening the screws on the lid and terminate the cable in the screw terminal.
- Fasten lid screws with a torque of 2 – 2,2 Nm to assure the IP rating.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Use only certified/specified cable glands and blinding plugs.
- Standard model delivered with two M20 Ex approved plastic blinding plugs.
- Do not open loudspeaker when energized.
- Ex-loudspeakers must be earthed correctly using the specially marked screws.
- This loudspeaker is supplied with a two years warranty against defective workmanship.

DNH reserves the right to alter specifications without notice

