

# 9/18/27 DA 004

## Digital Outdoor Intercom Station



### Main features

- Up to 3 keypad modules with 9 membrane keys to set up communication links
- Call or busy signal by light emitting diodes
- Modular design
- Noise compensated microphone with dynamic compression
- Microphone sensitivity and volume control
- Potential-free relay point

The 9/18/27 DA 004 digital outdoor intercom stations are part of the INDUSTRONIC communication and public address system with digital interfaces. They are especially designed for areas with high noise levels, dirt or dust and as well as for heat or cold.

Membrane keypads with up to 27 keys can be housed in one station including the corresponding labeling areas and signaling.

### Components

- Two-part glass fiber reinforced polyester housing, hardly inflammable
- Basic housing with connection board
- Plug-in front unit with all functional parts including microphone and loudspeaker
- Electronics unit 6 DSA
- Keypad module 9 DAT
- Color RAL 3000 (red)

### Optional

- Switch module 2 HDX instead of keypad
- Dial keypad 12 DMW

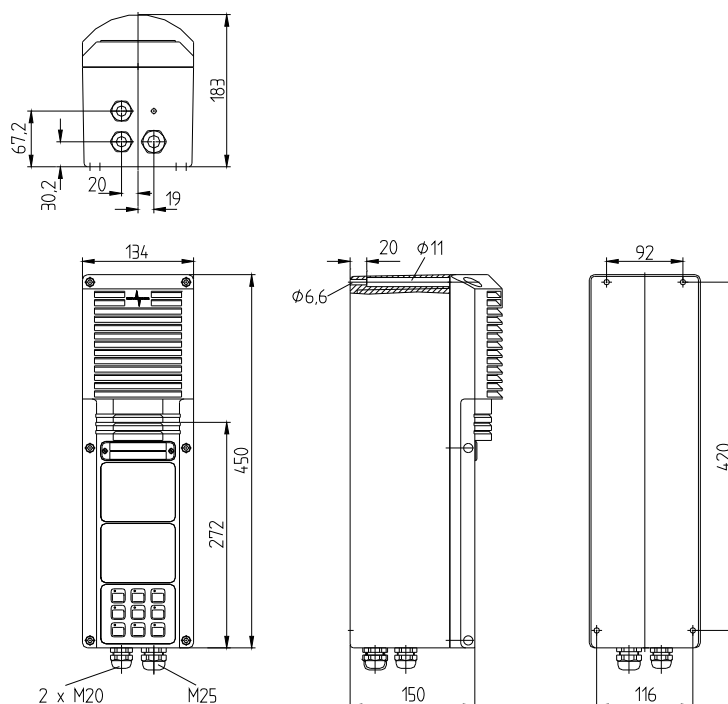


Figure 1: Dimensional drawing DA 004

#### Mechanical data

• Height x width x depth	450 mm x 134 mm x 183 mm (17 3/4" x 5 1/4" x 7 1/4")
• Cable glands	1 x M25 + 2 x M20
• Weight	ca. 4.5 kg (approx. 10 lb)

#### Electrical data intercom station

• Operating voltage range	42 VDC to 68 VDC
• Quiescent & max. current consumption	20 mA, 100 mA
• Sound pressure level (distance 30 cm (12"))	115 dB
• Frequency range	300 Hz to 3400 Hz
• Loudspeaker	15 W at 8 ohm
• Relay	60 VDC / 30 VAC; 0,5 A; 20 W

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**Electrical data booster amplifier**

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|--|------------------|
| • Operating voltage range              | 42 VDC to 68 VDC |
| • Quiescent & max. current consumption | 60 mA / 850 mA   |
| • Output power                         | 25 W at 400 ohm  |

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**Environmental requirements and standards**

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|-----------------------------|--|
| • Ambient temperature       | -10 °C to +50 °C<br>(14 °F to 122 °F)    |
| • Storage temperature       | -10 °C to +50 °C<br>(14 °F to 122 °F)    |
| • Humidity (non-condensing) | max. 90%                                 |
| • Atmospheric pressure      | 750 hPa to 1100 hPa                      |
| • Degree of protection      | IP65                                     |
| • EMC                       | IEC / EN 61000-6-2<br>IEC / EN 61000-6-4 |
| • Max. ambient noise level  | 110 dB                                   |

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