zenitel

DATASHEET

1007083000

# Industrial Substation

Heavy Duty




## Description

- Programmable call button, simplex and cancel buttons
- Rugged waterproof and dustproof casing in orange aluminium alloy
- Noise cancelling dynamic microphone along with red microphone live lamp
- Built-in loudspeaker and possibility to connect an external loudspeaker. Sound level adjustable with a potentiometer inside the station
- Built-in 10W (8 Ohm) VOX operated power amplifier for external loudspeaker
- Screw terminals for easy connection of installation cables
- Freely programmable extension number



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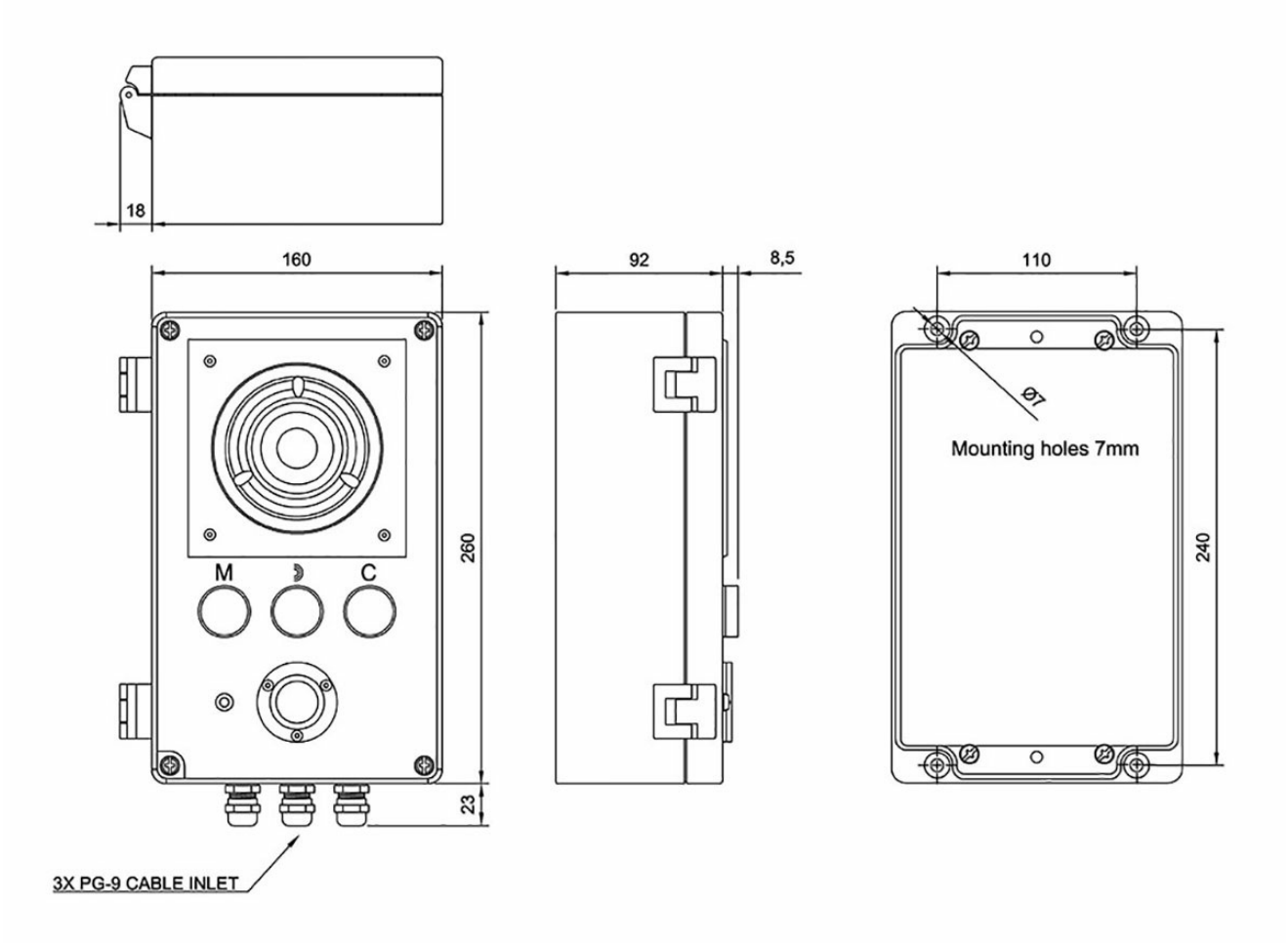
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This Heavy Duty Industrial Substation is a waterproof model designed for humid, dirty and outdoor conditions. The station consists of a rugged waterproof and dustproof casing of orange silumin. The front panel is hinged to the back casing to allow easy access during installation and service. The station has screw terminals with labels and the three glands give waterproof and dustproof connection of installation cable and loudspeaker wires.

The station is equipped with a noise cancelling microphone as well as a 20 Ohm loudspeaker. The volume is adjustable with a potentiometer located inside the casing. An external 20-70 Ohm speaker can be connected or, alternatively, connect an 8-20 Ohm speaker for use with the built-in 10 W (8 Ohm) VO X operated power amplifier. The power amplifier requires a separate 12 VAC / 2 A power supply. The external speaker must be placed at least one meter away from the station. The station is programmable for permanent private mode and is also prepared for connection of an external handset unit.

## Technical Dimensions








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# Specifications

**MECHANICAL**

| | |
|---|---|
| Operating voltage | From exchange without power |
| Amp. | 12 VAC / 2 Amp. with power Amp. |
| Cable requirements | 2 pair 0.5 mmø / 24 AWG twisted telephone cable. + 1 pair. 0.8 mmø / 20 AWG (to tranformer if power amplifier is used) |
| Temperature | -40oC to +55oC |
| Relative humidity | 0% - 95 % |
| Dimensions (W X H X D) | 160 mm x 260 mm x 92 mm, 6.24” x 10.14” x 3.59” |
| Classifications | IP-65 |
| Finish | Silumin (aluminium alloy), Orange RAL 2004 paint |
| Sound pressure at 1 m from internal speaker | 72 dB (0.5 mm cable x 100 m, 8.0V on subscriber board, 1 kHz) |
| Max. loudspeaker output - external speaker | 1.5W (20 Ohm), 10W (8 Ohm) w/power amplifier |





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| AUDIO | |
|---|---|
| Loudspeaker impedance | 20 ohm (internal speaker), 20-70 Ohm external (without power amp.), 8-20 Ohm external (with power amp.) |
| Frequency range | 500 - 5000 Hz (+/- 8 dB) |
| Mic. impedance for external handset | 200 - 600 ohm |
| Connector type | Screw terminals |
| Gland diameter | 3 x PG9 |
| Indicator | LED (red) |

# Accessories




VMP-36-PEL

Headset with Boom Microphone and 10 Meter Cable

Item Number: 1020600750




VMP-36-PELP

Headset with Boom Microphone, 10 Meter Cable and Plug

Item Number: 3006202029




CD-7-VMP

Plugbox Waterproof for VMP-36-PELP

Item Number: 3006202007




VMP-211

Wall Mounted Handset

Item Number: 3006202024





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## VMP-250

Wall Mounted Handset Waterproof

Item Number: 1020600700



## VML-1520

Horn Loudspeaker 15W, 20 OHM Waterproof

Item Number: 3006100088




## EHS-24O – Rotary Signal Light, 24 V DC (Orange)

Rotary Light 24V DC

Item Number: 3006102041




## EHS-220O – Rotary Signal Light, 220 V AC (Orange)

Rotary Light 220VAC

Item Number: 3006102036



## Model-A

Telephone Booth

Item Number: 3005000029





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## IRR-3

Relay Box

Item Number: 1020600992



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