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Industrial IP66 Intercom Station with robust IK10 aluminum enclosure with keypad and loudspeaker **OCEAN® model OCS487M1**

OCEAN® WALL MOUNTED SLAVE STATION



Professional **IP66 & IK10** Heavy-Duty **OCEAN®** intercom station, **aluminum** body and **aluminum heavy duty Call Button**, hands-free PTT conversation, suitable for high noise areas (up to 90dB), with integrated microphone and integrated 5W loudspeaker.

- Single Button to call the Master Station
- Push-to-Talk conversation mode driven by the Master Station, for high quality conversations in high noisy areas (>90dB)

Order code: OCS487M1

OCEAN® original architecture

OCEAN is a professional industrial intercom system, based on a very simple cable network (OMNIBUS telephone cable). Each single intercom station is a self-standing autonomous unit, totally independent by the others. The system does not need a centralized switching unit, but a simple telephone cable (2x0,6mm) where all the stations are connected in parallel.

Electrical Characteristics:

integrated loudspeaker:..... 5 W_{RMS} 90 dB@1m
audio amplifier:..... 15 W_{RMS} 16Ω
built-in microphone: electret
consumption:.....max 1,0A@24Vdc (15WRMS)
impedance off-hook: >10 Mohm
transmission: 0db/600Ω
power-supply:..... 24Vdc ±10%
optional power-supply (on demand):..... 48Vdc ±10%

Keypad & LEDs

- #1 Red aluminum rugged button Ø 25 mm
- #1 Red LED to show status of the station (On-Line)

Shock-Resistance: IK10 [EN 60950]
Protection index: IP66 [EM 60529]
Working temperature:..... -40 °C ÷ +70°C
Body:.....100% aluminum
Mounting: wall-mounting
Wiring: screw terminals Ø1,5mm
Dimensions: 160 x 300 x 67 mm
Weight:.....3,4 kg
Cables inlets: 2 holes Ø20mm, cables Ø5÷8mm
MTBF:.....180.000 hours
MTTR: <3 minutes

Installation, Operation and Maintenance Procedures

- Open the intercom station removing the front panel
- Connect the signal wires and the power-supply 24 Vdc (for 48 Vdc follows the setting instruction on the owner's manual)
- Check the impedance of the external loudspeaker (if any) before connecting it to the internal amplifier (load must be not less than 16,00Ω)- Adjust the output by the internal trimmer (see technical manual)
- For optimum performance, always use the correct voltage 24Vdc±10%

