Desk top mounting industrial professional intercom station for control & emergency rooms serie TLL3000, model TLL190

TLL3000® Page-Party

Professional **IP42 Heavy-Duty** TLL-3000® intercom station, **aluminum body** and metal made **heavy duty IP66 – IK8 keypad and loudspeaker**, with handset for privare conversations, integrated 5W loudspeaker model **TLL190**

TLL-3000® is a **Page/Party-Line Industrial Intercom System**, designed to be installed in industrial process areas, where you need to research the personnel all over the plant, before entering in communication. TLL-3000® covers the functions of a **Public Address** and **Call-Back** communication system. Conversations between the parties are performed by handsets in Full-Duplex mode, on 4 Party Line Channels.

The TLL190 is equipped with an electronic bell to receive direct calls from field stations.

The intercom station is equipped with a automatic fault-detection function. A blue LED is flashing to show the good status of the station. It stop flashing if a fault is detected.

Electrical Characteristics:
integrated loudspeaker:.............5 W_{RMS} 90 dB@1mAudio
amplifier:.. 30 Watt RMS/16Ω

impedence on/off-hook: 27kΩ/600Ω
transmission:...0db/600Ω
power-supply:.. 48Vdc ±10%
Consumption during conversation: ....50 mA
Consumption during General Call: ....0,5÷1,0A
CG button + LED: ....General Call

Keypad d LEDs
L1÷L4 buttons + LEDs: ....Party Lines 1,2,3,4
SC button:....................................... Test of Ringing Bell

TLL-3000® does **not need centralized switching cabinet**. It just needs a multi-pair telephone cable where all the intercom stations are connected in parallel.

Shock-Resistance: .... IK08 [EN 60950]
Protection index: .... IP42 [EM 60529]
Working temperature: ....-20°C +70°C
Body: .... aluminum + polycarbonate
Mounting: .... on desk
Wiring: .... screw terminals Ø1,5mm
Connecting cord: .... 1,5 m with wall junction box
Dimensions:.. 293 x 200 x 95 mm
Weight: ....3,0 kg
MTBF:..180.000 hours
MTTR: .... <3 minutes

Order Codes:

TLL190L4P1S1 - 4 Party Lines buttons (L1-L2-L3-L4)
TLL190L2P1S1 - 2 Party Lines buttons (L1-L2)

Installation, Operation and Maintenance Procedures
- The intercom station is delivered with its connection cord 1,5 m terminated on a small terminal box for wall fixing
- Connect the signal wires and the power-supply 48Vdc at the screw terminals following the instructions of the user'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 48Vdc±10%
- This equipment is supplied with a 2 year warranty against defective workmanship