



**Design, Development and
Manufacture
of Electronic Equipment**

LOCKED BELL DRIVER UNIT

The Locked Bell Signalling System manufactured by Telbit, is the system of choice at most Mining Houses over the last 30 years. Mounted on the Driver's Desk, the Driver Unit provides fast, accurate and reliable signalling to the Onsetter and Bank.

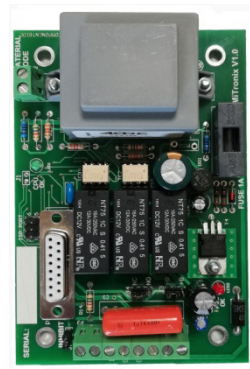
Manufactured from 2mm stainless steel, the units include the Mitronix electronic signaling card, or on special request the legacy Scitron Locked Bell card, both manufactured by Telbit. Both cards follows the industry standard 150mSec pulse duration, with 300msec interval between messages. In case of emergency, the red Long Ring pushbutton rings immediately when pressed, overriding all messages, and rings for 5 seconds.

The Driver Unit is available in the standard 12 button, a 13 button arrangement with additional 11, 12 or 13 button or the 15 button arrangement with additional 4.1, 3.3.3 & 4.2 buttons.

Two types of pushbuttons are available. The Piezo is the push button of choice, proven to be more reliable and long lasting, being IP68 waterproof, dustproof as well as contactless with no moving parts. The Telemechanique buttons are available on request for legacy installations.

Features

- AC or DC supply voltage.
- Numbers engraved, not printed or laser etched.
- Driver Units fits into Onsetter and Banksman Unit.
- Uses standard 3-wire communication (B+, B-, BC).
- Direct replacement to all other Driver Units.
- Configurable Brake Interlock relay.
- Driver Identification ID output to Telbit Bell Recorder.
- Inhibit Circuit prevents over ringing.
- Special Belling Input for shaft sinking operations.



110VAC Mitronix Card

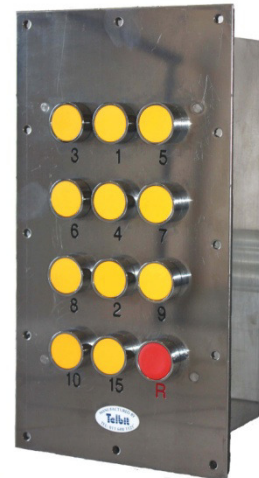
Specifications

Supply Voltage	32VAC/DC	20VAC – 55VAC 20VDC - 55VDC
	110VAC	60VAC – 130VAC
Dimensions	315mm(height) x 170mm(width) x 105mm(depth)	
Material	Stainless Steel	
Sounder Output	16A 250VAC	
Mount Hole Size	12 Holes of 6mm Diameter	
Fuse Type	20mm Glass Fuse 1Amp 250V	
Connector Rating	Pluggable Connector with 15A 250VAC	
Temperature	-10 °C to 55 °C	

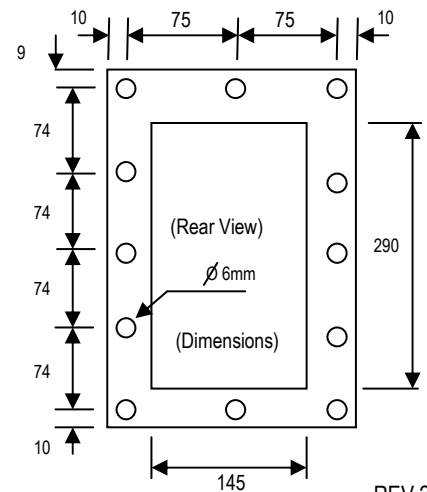
Telbit reserves the right to change specifications without prior notice.



15 Button Unit with Piezo buttons



12 Button Unit with Telemechanique buttons



REV 2



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