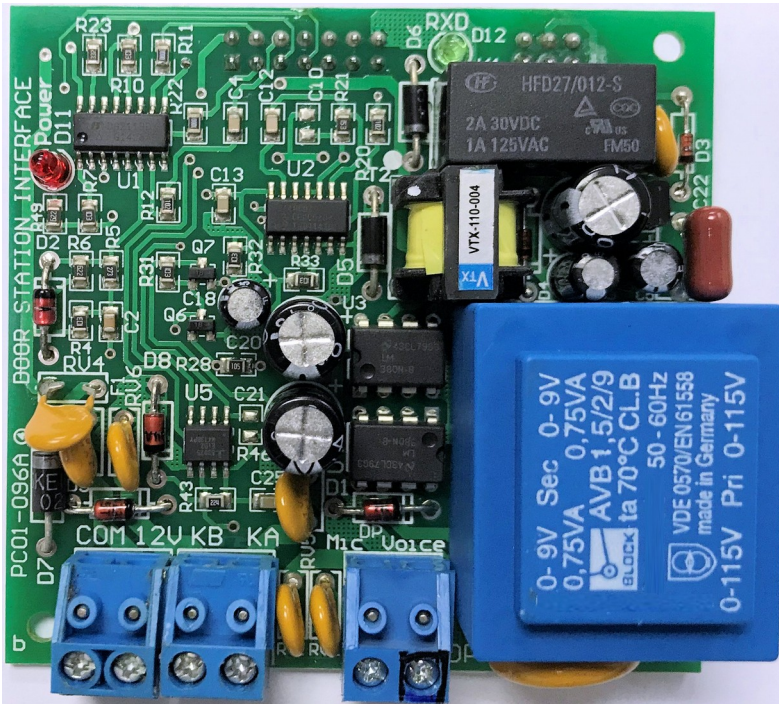


DSI01 Door Station Interface for CM9001



DSI01 Door Station Interface

DSI01 Door Station Interface is a plug-in submodule for CM9001 which provides the following features:

- Allows Local phone connected at TEL OUT to control CM9001 by voice menu by entering *, user code and # key on the phone. This feature is not available in the base CM9001.
- Includes a Ringer circuit to allow the Door station (DS01 or DP03) to ring the local phones.
- Voice and Mic for Door station
- Provides an additional RS485 Bus connector (separate from the main RS485 Bus) and 12V supply for Door stations and other peripherals (eg UCM, Slaves, keypads etc). This additional RS485 Bus provides redundancy as when 1 bus is shorted, the other RS485 bus can continue to operate. The 2 RS485 busses should not be connected together – they should be connected to different Rs485 peripherals.

What is Included

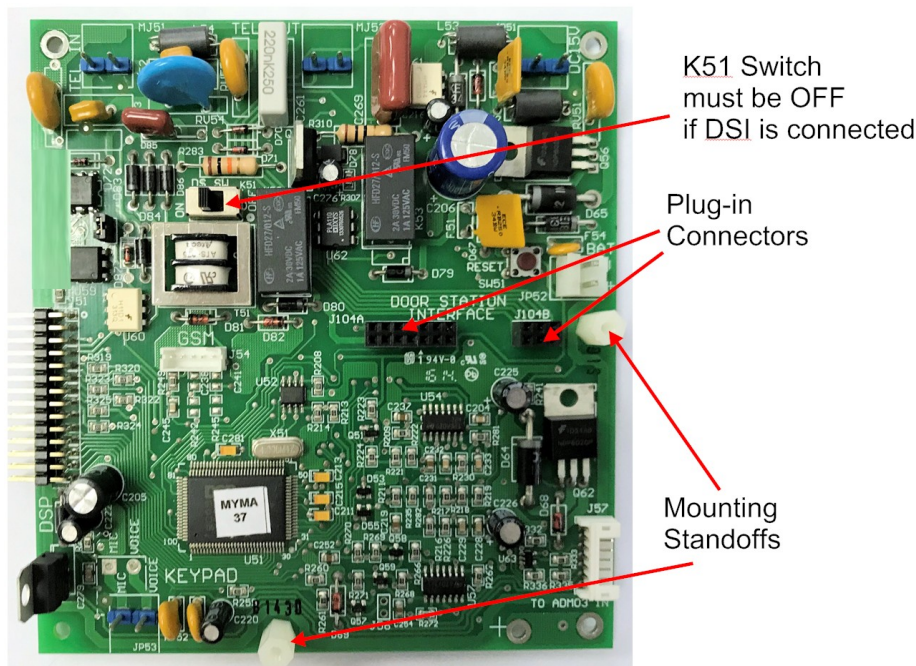
- DSI01 PCB Size : 75 x 72 mm, weight 200 g
- 3 x TB02-0002 two way terminal blocks
- 2 x SC04-0017 Standoff 11mm
- 2 x Screws M3 x 6 mm
- DSI Manual (this manual)

Connectors

- COM/12V: 12V power supply for Door stations, Keypads, UCMs and other peripherals
- KA/KB: RS485 data signals, separate from the CM9001 main Rs485 Bus but with the same data.
- MIC/VOICE: Mic and Voice for Door station

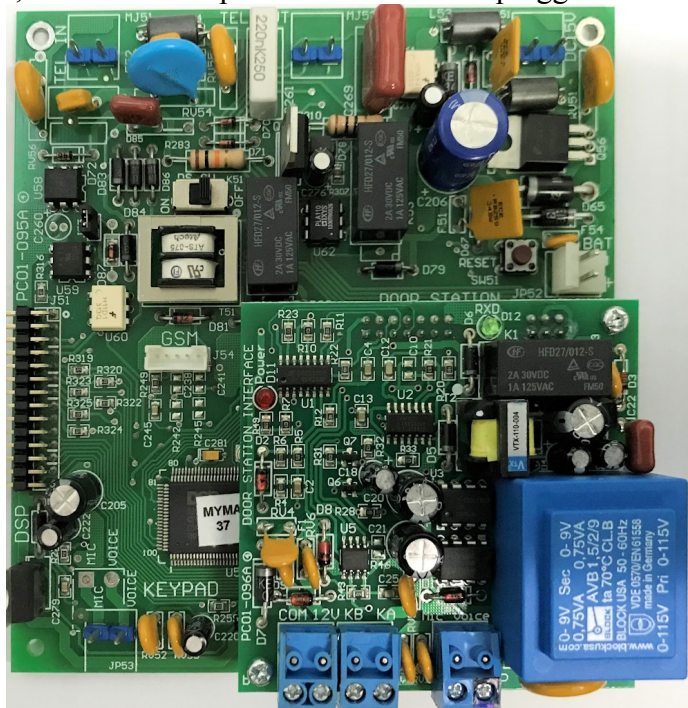
Installation of DSI

DSI is mounted on the DSP section of CM9001 PCB. It is connected via the 10 way H03A and 6 way H03B PCB connectors



Mounting Position of DSI01 on CM9001 PCB

Important: The K51 switch on CM9001 PCB must be switched to the OFF position if DSI is plugged in, and to the ON position if DSI is not plugged in



DSI01 after mounting – Note K51 Switch is in OFF position

1 November 2017 – Initial Release
Manual size: A6 leaflet double sided