



FE-390-IF Serial Interface Module

RS232 Control



- REMOTE CONTROL OF FYLDE MODULES
- RS232 ASCII COMMAND INTERFACE
- SINGLE OR MULTI CHANNEL CONTROL
- COMPACT SIZE, L56 x W40 x H16mm
- POWERED BY RACK (10mA)
- WINDOWS GUI APPLICATION AVAILABLE FOR FE-389-TA MODULES

The FE-390-IF is a compact module that provides remote control of compatible Fylde modules. The unit connects to the rear of racks fitted with remote enabled 15-way D connectors and is powered by the rack. A 2nd D connector (9-way) provides a standard RS232 link to a PC. ASCII commands sent from a terminal program such as Hyperterminal or RealTerm set the parameters of individual or multiple modules in the rack. Settings can also be retrieved and viewed remotely from modules.

A Windows based LabView program is available to provide a graphical control interface. This is currently for racks fitted with FE-389-TA modules with potential future versions including more module types.

Compatible modules and remote functions available.

1. FE-389-TA Gain: bridge volts, filter, panel lock, auto-zero, auto-balance, calibration setting.
2. FE-930-IE: Gain, current setting, filter setting.
3. FE-937-SGA: Gain, current setting, calibration setting.
4. FE-979-TA: Gain, bridge volts, shunt cal, filter in/out, auto-zero, auto-balance.
5. FE-960-IA: Gain.
6. FE-961-IA: Gain.

General Description

The FE390IF is a plugin adaptor which provides a serial RS232 interface between a user terminal and a Fylde rack populated with compatible modules.

The serial interface plugin adaptor consists of a small enclosure and 2x "D" connectors, 1x 15way which plugs into the Remote connector on the rear panel of the rack system and 1x 9way for the RS232 serial connection.

Modules Controlled :

FE-530-IE, FE-537-SGA, FE-579-TA, FE-930-IE, FE-937-SGA, FE-979-TA, FE-389-TA, FE-960-IA, FE-961-IA or any mix of these.

User Terminal Settings :

19200 baud, 8 bit , 1 start, 1 stop, no parity.

Electrical Power:

Power provided from the system it plugs into (9-36VDC)

Physical :

Approximately 58mm x 40mm x 17mm