



SECURE-TECH

DETENTION ELECTRONIC SYSTEMS

ETECH CONTROLS CORPORATION - MANUFACTURER
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**MODEL
HC-0829-SUP**

TELEPHONE DISCONNECT -w- SUPERVISION (Federal Standard)

FEATURES:

- 25 SUPERVISORY CONTACTS OUT
- N.O. AND N.C. TEL LINE OUTPUTS
- A/B SWITCH - CAN TRANSFER ALL 25 PAIRS
- HIGH QUALITY AUDIO SWITCHING RELAYS
- INDIVIDUAL OR 25 PAIR SWITCHING
- RED "SELECT ALL" STATUS LED
- GREEN POWER STATUS LED
- LINE 25 SHUNT SELECTION
- 25 LINE STATUS RED LEDS
- 2 YEAR WARRANTY

FUNCTIONAL DESCRIPTION:

The HC-0829-SUP Telephone Disconnect Module with Supervision provides the ability to connect or disconnect telephone audio lines, either individually or in 25 pair cable groups. Telephone companies require that both sides of the audio line be switched when selecting a line on or off. This product performs this switching function with high quality two pole audio relays.

The on / off status of each separate telephone line is indicated with a red LED. In addition, supervisory relays provide a confirmation of circuit activation with a "sinking" output provided per telephone line. The "Select All" selection status is indicated with a red LED, and the presence of 12vdc operating power is indicated with a green LED.

Telephone line 25 is provided with a pair of jumper terminals to shunt around the line-25 relay - may be used to run telephone device operating power that should not be disconnected.

INPUTS / OUTPUTS:

There are twenty-five relay select inputs, twenty-five supervisory "return" outputs, twenty-five audio pair inputs, twenty-five audio pair N.O. outputs, twenty-five audio pair N.C. outputs, two 12vdc power input terminals and a "Select-All" input terminal.

All 25 pair connections terminate on fifty point "D" shell (AMP CHAMP) connectors (4). The two 12vdc power inputs and the disconnect all input are connected to a saddle clamp terminal strip, sized for 22 to 12 AWG stranded conductors.



The relay contacts are rated at 2 amps and are gold plated silver to provide ultra-low level switching of 10 ma @ 10 mv DC for exceptional audio quality.

SIZE:

4.5" W x 8.25" H x 0.93" D
114mm W x 209.6mm H x 23.8mm D

POWER:

12-14 VDC, 840ma (#HC-0829-xxx-12)
24-26 VDC, 420ma (#HC-0829-xxx-24)

MODELS:

HC-0829-AA-xx	Group and Individual Control
HC-0829-AB-xx	Group Control Only
HC-0829-SUP-xx	Supervisory with Group & Individual

ST The Sign of Excellence

MODEL

HC-0829-SUP TELEPHONE DISCONNECT WITH SUPERVISION

HOOK-UP DIAGRAM

