



INVELCO S.A.
INVESTIGACIONES ELECTRONICAS Y COMUNICACIONES

G.M.D.S.S.

EQUIPMENTS REMOTE CONTROL
BY RS-232 PROTOCOL



REMOTE CONTROL MODEL MD-350-A

The MD-350-A Remote Control is the last development for the control of equipment communications with RS - 232 protocol.

Designed to control 2 equipments, through communications protocol, with indicatives for orders received as well as for transmitted orders. Dispose of a third command for the control of state (on/off) of a third equipment.

Also it can receive orders of up to 10 alarms being effected the petition of its state in a way manual or automatic.

IMPORTANT SPECIFICATIONS :

- Operating to 2/4 wires (configure).
- EIA RS-232-C / ITU V.24
- Speed 300 bps. up to 28.800 bps.
- Control of up to 10 auxiliary alarms.
- Error Correcting incorporated.
- Data compression incorporated.
- Power Supply 110/220V_{AC} ±10%, 47-63Hz. OR 48V_{DC}.
- Operating temperature range -20°C. to +70°C.
- Relative humidity 95% (non condensing).
- Tropicalized.



REMOTE CONTROL TECHNICAL CHARACTERISTICS

MODEL MD-350-A

MODEM

- Operating to 2/4 wires adjustable
- Operating with dedicate line
- Speed 300bps. to 28.800bps.
- Luminous indication of states
- Adaptative speed
- Modulation modes: TCM, QAM, PSK, FSK.
- Adjustable Output line levels -9db to -13db
- Control for RS-232: RTS/CTS.
- Error correcting incorporated.
- Data compression incorporated.
- Totally consistent with any norm.
- Input EIA RS-232-C/ITU V.24
- Line Output 600 ohms.
- Programmable output level
- Standard connector

REMOTE CONTROL

- RS-232-C control conmutation to principal/reserve equipment
- Principal/reserve equipment turn on/of
- Input/output line and PTT principal/reserve conmutation
- Reception of 10 order (48 optional)
- Transmission of 10 alarms (48 optional)
- Alarms input level, TTL or 5 - 15 Vcc
- Order output, transistor with open colector
- Alarms and order frontal indicator

GENERAL SPECIFICATIONS

- Power supply 220V_{AC} ±20%, 50Hz. or -48V_{dc}.
- Operating temperature -20°C to +70°C.
- Relative humidity 95% (non condensing).
- Tropicalized.

MECHANICAL SPECIFICATIONS:

- Wide: 19"Rack
- High: 2U
- Deep: 340mm.
- Weight: 2.5Kg.