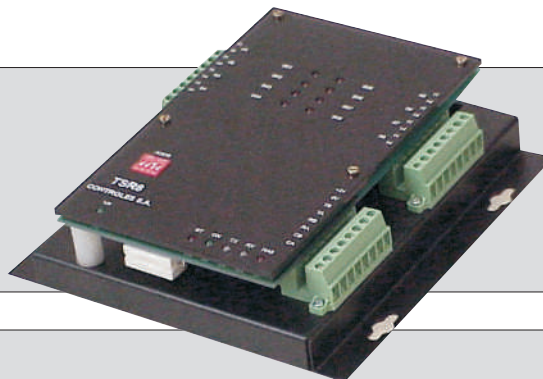# TSR8

DIGITAL OUTPUT CARD

OUTPUT CHANNELS

Quantity: 8
Type: relay

Relay galvanic isolation
Contacts rated: 5 A @ 125 Vdc
Life: more than 1,000,000 operations
Relay contacts: C and NO
Contact protection: varistor
Coil protection: antiparallel diode
Indication: red led for each output
Operation mode: momentary outputs (0.5 s to 20 s) or sustaining outputs
Terminals
Type: pluggable: from 0.25 mm^2 to 4 mm^2 (12 AWG to 24AWG)

COMMUNICATIONS

Serial port RS485
Protocol BUS485
Indicators
RX and TX LEDs
Transmission enabled LED
Bus address: 4 switches
Optional protocol: Modbus

Status indicator LED
Relays pre-selection LED

Power supply: 19 to 28 Vdc
Current consumption:
- static: 100 mA
- dynamic (all relays on): 340 mA
Power supply indicator LED

ENCLOSURE

Tray mount box

ENVIRONMENTAL CONDITIONS

Air temperature: 0 to 55 ºC
Relative humidity: 100% non-condensing

Weight: 700 g

FUNCTION

To operate relay type digital outputs following commands from the RTU central processor.

DESCRIPTION

Features
• Standalone card with pluggable terminals.
• Wall mount.
• Easy installation, field signals wired directly to the board.
• High mantenibility
• Solid state, based on a microprocessor with flash ROM.
• Network addressable with RS485 communications.
• Relay state diagnosis.
• Each relay could be configured in momentary or sustaining mode.

Functions
Executing commands through relay contacts.
Communicating to the RTU CPU through RS485.

50,0
155,0
155,0

13/12/05

MADE IN URUGUAY