

Programmable Controllers

April 2003

OIS40R

Remote Operator Interface Station For Toshiba T-Series PLCs





The OIS40R is the same OIS (Operator Interface Station) as the OIS40 except that the PLC communication port is selectable, RS232 or RS485. As a result, its location is not limited to the 2 m maximum distance from the PLC like the OIS40. It can be located up to 1000 m (a little over ½ mile) from the PLC.

Another new feature on the OIS40R is that the keypad overlay is included separately. The overlay can easily be stuck on the OIS40R or replaced by a custom overlay which better describes the application—giving the operator more guidance on operation / data entry.

Standard features include:

- ◆ 20 Character by 4 Line Display
- ♦ Numeric Key Pad for Data Entry
- Unlimited Screens & Tasks (except by available memory)

- ♦ 8 Function / Macro Keys
- ♦ 8 User Programmable LEDs
- ♦ 16 Definable Alarms (can be logged & printed)

SPECIFICATIONS

Power 24 VDC +/-10%, 2 W maximum

Keypad IP65 rated keypad

Temperature Operating: 0 to 50 degrees C

Storage: -25 to 80 degrees C

Humidity 10% to 90% (Non condensing)

Bezel Size 101.30 H X 182.50 W, Depth:36.80

mm

Panel cutout 79.00H X 162.00 W mm

Communication Connects to PLC RS232/R485 port

Immunity to ESD Level 3 as per IEC1000-4-2 Immunity to Transients Level 3 as per IEC1000-4-4 Radiated Susceptibility Level 3 as per IEC1000-4-3

Emission EN55011 CISPR A

PROTOCOLS

Toshiba T-Series PLCs

Toshiba V-Series Integrated Controllers

Toshiba G7/S9/VF_nC1 ASDs

Modbus

Special (check with Toshiba)

ORDER NUMBERS

Part Numbers Description

OIS40R Operator Interface Station.

TKRS485 RS485 Communication Cable T2N) 2m w/ 15

pin D shell & pigtail.

CAB-OIS-T1-X RS232 Communication Cable 2m w/ 8 pin

mini DIN & 9 pin D-shell (T1)

CAB-OIS-T2-X RS232 Communication Cable (T2E/T2N/T3)

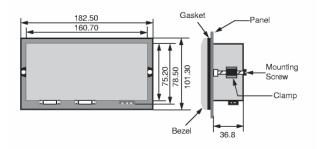
9830 **Beldon** RS485 Cable (or equivalent)

Communications Cable 24 AWG low capacitance (T1, T2E, V-Series)

26-117B **RadioShack** RS232 Programming Cable

(or equivalent), 9 pin D shell (male & female)

DIMENSIONS



Note: The OIS40R has a 9 pin D shell female connector for connection to the PLC. This connector can be setup as either RS485 or RS232. For RS485 connection, one end of the Beldon 9830 cable must be terminated with a 9 pin D shell (male) connector.

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