

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8800C

Trusted digital input termination

CHANNELS	FIELD POWER	FUSES	CONNECTION
40 digital inputs	18-32 Vdc	50 mA per channel	Two-wire devices

ICS Triplex T8800C belongs to the Trusted forty-channel digital input field termination family. It connects two-wire field devices to the associated digital input module, carrying their signals through the matched cable while providing individually fused field power connections for each channel.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8800C
Input termination capacity	40 digital input channels
Field device connection	Two-wire field circuits
Field supply voltage	18-32 Vdc; nominal 24 Vdc
Per-channel protection	40 individual 50 mA field supply fuses
Dual feed arrangement	Two field feeds combined through on-board diodes
Supply indication	Green LED indicates field supply presence
Module cable connector	SK1, 96-way socket for the documented digital input cable

02 TECHNICAL DATA

SmartSlot connector scope	SK2, 96-way socket; unused with SmartSlot Version 2
Field power terminal	Five-way PWR TB connection
Associated input module	Trusted TMR 24 Vdc digital input module T8403
DIN rail mounting	TS32 or TS35; horizontal or vertical
Operating temperature	0 to +60 degrees C
Storage and humidity	-25 to +70 degrees C; 10-95% RH, noncondensing
Equipment dimensions	111 x 335 x 51 mm (H x W x D)
Equipment mass	900 g; not packaged or shipping gross weight

03 APPLICATION AND CONFIGURATION

- T8800C terminates field digital signals for the documented T8403 input arrangement. The associated input module interprets the signals; the FTA supplies terminals, fused field feeds and cable connections. Required line-monitoring components depend on the approved field-loop design.
- Match the complete T8800C identity, input cable, terminal schedule, field power and SmartSlot generation. Do not replace it with a non-incendive or analogue-input termination assembly merely because the channel count or mounting is similar.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T8800 Issue 6 | 40 Channel 24 Vdc Digital Input FTA

PDF pp. 1, 11-12: interface and channel circuit; p. 13: mounting; pp. 15, 17-20: cables and terminals; p. 22: ratings.

PC002G - input FTA ratings and C-suffix scope, PDF pp. 4 and 6

Independent Amikon reference, not an OEM manual. Use the complete manufacturer instructions matching the actual hardware and firmware. No manufacturer pages are reproduced.

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM