

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8311C

Conformal-coated TMR expander interface module



ROLE	LOCATION	FEEDS	OPTION
Expander interface	Controller side	Dual nominal 24 V	Conformal coated

ICS Triplex T8311C is a conformal-coated expander interface housed in the Trusted controller chassis. It links the controller's internal module bus to the expander bus, allowing additional chassis to communicate through the documented expansion connections while retaining fault-tolerant operation.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8311C
Internal supply source	Dual redundant nominal 24 V DC backplane feeds
Expander-bus topology	Triplicated point-to-point links
Interface arrangement	Adjacent controller I/O slots; primary in odd-numbered slot
Pair interconnection adapter	T8312 Expander Interface Adapter
Local expansion connection	TC-301 through the documented T8312 arrangement
Remote expansion connection	TC-302 to the specified fibre transmitter/receiver arrangement
Cable polarization	Key positions 1, 2 and 6

02 TECHNICAL DATA

Hardware configuration	No module-local setup; chassis and slot entry required
Power-up operating mode	Standby
Health indicators	Separate Healthy indicators for slices A, B and C
Mode indicators	Active and Standby front-panel indicators
Protective coating	Conformal-coated C catalog option

03 APPLICATION AND CONFIGURATION

- Extends the controller communication path through the documented expansion arrangement.
- Conflicting legacy numeric and chassis-table entries are omitted; obtain revision-specific engineering limits.
- Check Product Notice 2019-10-001 and actual unit status before planning an online exchange.

04 OFFICIAL DOCUMENTATION

PD-T8311 | Issue 12 | March 2007

Role and supply: pp. 1, 9; installation: pp. 10-13; configuration: pp. 14-15; indicators: pp. 20-23. See the linked product notice.

Supplement: Rockwell Product Notice 2019-10-001

Independent Amikon summary, not a manufacturer-issued manual. Use the complete current manufacturer instructions and approved system safety procedure. No original manual pages are reproduced.

AMIKON PRODUCT SUPPORT

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