

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8312-4C

Trusted expander interface adapter

CONNECTIONS	CABLE PORTS	BUS RATE	MOUNTING
4 expander chassis	12-pin ODU	250 Mbps	Rear chassis

ICS Triplex T8312-4C is a conformal-coated Trusted expander interface adapter with 4 locking connections for expander chassis. It fits the controller chassis rear connection assembly and provides the physical interconnection from the installed expander interface modules to the expansion cabling.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8312-4C
Compatible chassis and interface	T8100 controller chassis / T8311 expander interface
Expander connections	4 x 12-pin locking ODU connectors
Chassis connector SK1	Double 96-way DIN 41612 C-type
Expander bus data rate	250 Mbps (0.25 Gbps)
Specified communications cable	TC-301-01, 250 MHz communications cable
ODU signal arrangement	Separate differential transmit and receive pairs for slices A, B and C
Enclosure	Metal enclosure, shielded for electromagnetic compatibility

02 TECHNICAL DATA

Mechanical retention	Clips onto rear chassis connectors; release button provided
Operating temperature	0 to +60 degrees C
Storage temperature	-25 to +70 degrees C
Relative humidity	10-95%, noncondensing
Coating option	C order suffix denotes conformal coating, not hardware Series C

03 APPLICATION AND CONFIGURATION

- T8312-4C connects the controller-chassis expander interface to up to 4 expander chassis. It is a connection adapter, not an expander processor or an I/O module.
- Preserve the required port count, coating option, connector arrangement and approved expansion configuration. A similar enclosure does not establish equivalent capacity or unrestricted substitution.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T8312 Issue 12 | Trusted TMR Expander Interface Adapter Unit

PDF p. 1: variants; pp. 11-15: construction and connections; p. 17: specifications; p. 6: safety.

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