

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8300

Trusted expander chassis unit

I/O POSITIONS	PROCESSORS	SUPPLY	CLEARANCE
12 single width	2 positions	20-32 V DC	90 mm

ICS Triplex T8300 is a Trusted expander chassis that houses expander processors and input/output modules. Its integral inter-module bus backplane provides their electrical interconnections, while the frame supports module guidance, retention and airflow through the assembly.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8300
I/O module capacity	12 single-width slots, 30 mm each
Expander processor capacity	2 single-width slots, 30 mm each
Expander processor positions	13 and 14 only; leftmost slot is 13
Supply voltage	20 to 32 V DC
External fusing	20 A
Power feed arrangement	Dual-redundant 24 V DC inputs, separate terminal blocks
Inter-module bus	Integral backplane; triplicated bus connections

02 TECHNICAL DATA

Chassis identification	Three 4-position DIP switches; all three settings must match
Cross-chassis SmartSlot	Version 2 or later chassis and TC-006 common IMB 0 V connection
Mounting	Fixed or swing frame; panel mounting with T8380 kit
Inter-chassis clearance	90 mm for cooling
Operating temperature	0 to +60 degrees C
Non-operating temperature	-25 to +70 degrees C
Relative humidity	10-95%, noncondensing
Internal servicing	No user-serviceable internal parts

03 APPLICATION AND CONFIGURATION

- The chassis provides mounting and backplane interconnections for Trusted expansion processors and I/O modules. It is not an expander processor or controller module.
- Check the chassis version, slot plan, power feeds and mounting arrangement. Cross-chassis SmartSlot requires version 2 or later and the specified common IMB 0 V connection.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

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PDF p. 1: overview; pp. 11-16: backplane and connections; p. 17: mounting; p. 19: ratings.

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

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