

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8100C

Trusted controller chassis unit

PROCESSORS	I/O / INTERFACE	SUPPLY	CLEARANCE
2 x 90 mm	8 x 30 mm	20-32 V DC	90 mm

ICS Triplex T8100C is a conformal-coated Trusted controller chassis for TMR processors and I/O or interface modules. The integral inter-module bus backplane provides electrical interconnections, and the mechanical frame guides and retains modules while allowing airflow through the assembly.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8100C
TMR processor capacity	2 triple-width positions, 90 mm each
I/O or interface capacity	8 single-width positions, 30 mm each
Logical I/O positions	1 to 8, left to right
Supply voltage	20 to 32 V DC
External fusing	20 A
Power terminals	TB1 and TB2 for redundant external 24 V DC feeds
Inter-module bus	Integral backplane; triplicated bus connections

02 TECHNICAL DATA

Backplane switches	Three unused switches; retain their tape covering
Cross-chassis SmartSlot	Version 2 or later and TC-006 common IMB 0 V referencing
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
Coating option	C suffix denotes conformal coating, not hardware Series C

03 APPLICATION AND CONFIGURATION

- The chassis carries the Trusted TMR processors, I/O and interface modules. It provides their mechanical support and backplane connections, not standalone control processing.
- Check the controller-chassis identity, hardware version, processor positions and I/O configuration. Do not substitute expander-chassis slot assignments or address-switch instructions.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

ICSTT-RM250 | PD-T8100 Issue 13

PDF pp. 11-13: chassis; pp. 19-25: slots, power and referencing; p. 29: installation; p. 31: 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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