

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8290C

Trusted output power distributor

CAPACITY	LOAD LIMIT	FEEDS	REFERENCE
Up to 3 modules	60 A total	Single or dual	Not load return

ICS Triplex T8290C belongs to the Trusted output power distribution family. It distributes positive field power and a separate zero-volt reference to compatible sourcing output modules. The field load return follows the termination assembly or field terminal, not the reference connector.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8290C
Supported output modules	Up to 3 Trusted sourcing output modules within the combined load limit
Maximum supply current	60 A total; not 60 A for every connected module
Positive supply connections	2 x M6 x 25 mm studs for single or dual feed
Power output connections	3 x six-way AMP MATE-N-LOK connectors
Module reference connections	3 x five-way BLZ two-part terminals
Zero-volt reference function	Reference only; field load return is through the FTA or field terminal
Mounting arrangement	TS32 or TS35 DIN rail

02 TECHNICAL DATA

Operating temperature	0 to +60 degrees C
Non-operating temperature	-25 to +70 degrees C
Relative humidity	10-95%, noncondensing; operation, storage and transport
Equipment dimensions	70 x 90 x 50 mm (H x W x D), including mounting rail
Equipment mass	106 g; not packaged or shipping gross weight

03 APPLICATION AND CONFIGURATION

- T8290C distributes positive field power and a separate zero-volt reference to sourcing output modules. Load return current must use the intended FTA or field terminal route. Check the voltage scope for the actual hardware: the legacy manual and current product-information table differ.
- Retain the complete T8290C identity and installed hardware revision. Resolve the documented voltage-range difference, check the shared 60 A limit and verify the separate load-return path. T8297 is a different diode-protected arrangement, not an automatic substitute.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T8290 Issue 8 | Output Power Distribution Unit

PDF p. 1: role and T8297 distinction; pp. 11-13: wiring and mounting; p. 19: ratings. PC002G pp. 4, 6: rating difference and C suffix.

PC002G product information - rating 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

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