

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8240

Trusted power distribution shelf

RACK FORMAT	PACK POSITIONS	TOTAL CAPACITY	N+1 CAPACITY
19-inch / 1U	Up to three	Up to 2250 W	Up to 1500 W

ICS Triplex T8240 is the nineteen-inch, one-unit power shelf in the Trusted power range. It accommodates up to three power packs and provides the mounting and connection arrangement; the catalogue configuration includes a Power Port, connector and retained mains plugs.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8240
Rack format	19-inch frame, 1U shelf
Power-pack positions	Up to three; T8231 or T8232 per approved output configuration
Configured shelf capacity	Up to 2250 W total or 1500 W with N+1 redundancy
AC supply inlets	3 x clip-retained IEC 60320 connectors
DC output terminals	2 terminal blocks, each with three M4 screw connections
Output grounding reference	V+ and V- float relative to frame ground; apply the approved grounding design
Diagnostic Power Port	T8243; external 24 V supply required

02 TECHNICAL DATA

Monitoring interface	Optional rear 25-pin female DSB connector
Current-sharing cable	TC-323; only for the documented common-busbar arrangement
Shelf support	T8247 bracket pair supports up to four shelves
Shelf address selection	Power Port jumpers J1/J2; up to four shelf addresses
Operating temperature	0 to +60 degrees C; fitted power-pack derating applies
Relative humidity	10-95%, noncondensing

03 APPLICATION AND CONFIGURATION

- T8240 provides the shelf, output terminals and diagnostic connection arrangement for the documented power packs. Conversion and available capacity depend on the fitted packs; the shelf alone is not a 2250 W converter.
- Match the T8240 identity, actual Power Port, support brackets, fitted packs and approved busbars. Check the shelf date code against PSA 2014-08-003; rack dimensions alone do not establish replacement compatibility.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T824X Issue 11 | Trusted Power System

PDF p. 11: T8240 identity and catalogue scope; pp. 13-19: shelf connections and mounting; pp. 27-32: Power Port; p. 39: interconnect; p. 41: environment.

Product Safety Advisory 2014-08-003 | Check shelf date code

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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