

AMIKON TECHNICAL DOCUMENTATION

# Product Data Sheet

## ICS Triplex T8240C

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 T8240C is a Trusted power shelf for up to three compatible power packs. The documented shelf design occupies one rack unit in a nineteen-inch frame and provides retained mains connections, DC output terminals and a rear diagnostic interface.

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## PRODUCT IDENTITY AND SPECIFICATIONS

|                            |                                                                               |
|----------------------------|-------------------------------------------------------------------------------|
| Product model              | T8240C                                                                        |
| 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

- T8240C is the C-order shelf paired with T8240 in RN007A. It supports the documented pack mounting, DC distribution and Power Port connections. Fitted packs determine conversion and capacity; an empty shelf is not a standalone power supply.
- Verify T8240C, actual revision, shelf date code, support brackets, fitted packs and busbar arrangement. RN007A pairs the base and C orders for its stated release. Check PSA 2014-08-003 applicability with the manufacturer rather than inferring exemption from the C suffix.
- 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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