

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8270

Trusted rack-mounted fan assembly

INPUT	FANS	RACK HEIGHT	PER-FAN FLOW
18-28 Vdc	Four	2U	69 m3/h

ICS Triplex T8270 is a rack-mounted fan tray that provides forced cooling within a Trusted module rack. Four fans are arranged at the rear of its two-unit chassis, with a baffle directing the intended airflow through the installed equipment arrangement.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8270
Supply voltage range	18-28 Vdc
Supply arrangement	Dual nominal 24 Vdc feeds; fans supplied in pairs
Fan arrangement	4 x Papst 8414NG, mounted vertically at the rear of a 2U chassis
Internal fusing	250 mA anti-surge protection for each fan pair
Power consumption	2 x 4 W, as stated for the assembly
Per-fan airflow	69 m3/h (40.6 ft3/min) at nominal 3100 rpm
Per-fan noise	32 dB; not a whole-cabinet noise rating

02 TECHNICAL DATA

Fan protection	Electronic overload and reverse-polarity protection
Operating temperature	0 to +60 degrees C
Non-operating temperature	-20 to +70 degrees C
Relative humidity	10-95%, noncondensing; operation, storage and transport
Documented feed cable	TC-011-01 from the T8292 power distribution unit
Equipment dimensions	88 x 483 x 267 mm (H x W x D); not packed size
Equipment mass	1.8 kg; not gross shipping weight

03 APPLICATION AND CONFIGURATION

- T8270 provides forced ventilation within a Trusted module rack. The documented arrangement uses one tray per module chassis, dual fan feeds and a cabinet exhaust path; per-fan airflow is not a guaranteed total installed-rack cooling capacity.
- Match T8270, the rack position, baffle arrangement, two supply feeds and TC-011-01 connections. Verify the approved fan population and cabinet exhaust path; neither a similar fan size nor the same supply voltage establishes assembly interchangeability.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T8270 Issue 11 | Trusted Rack-Mounted Fan Assembly

PDF p. 1: cooling role and per-fan noise; p. 11: arrangement and wiring figure; p. 12: supply, cable and airflow; p. 13: specifications.

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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