

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8271

Trusted roof-mounted fan tray

INPUT	FANS	LOCATION	PROTECTION
18-28 Vdc	Eight	Cabinet roof	IP20 with cowl

ICS Triplex T8271 is a roof-mounted fan tray for exhausting air above a cabinet containing Trusted equipment. Eight fans lie horizontally in a chassis supported within a roof cowl. The documented arrangement normally uses one roof tray for each cabinet bay.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8271
Supply voltage range	18-28 Vdc
Supply grouping	Dual nominal 24 Vdc feeds; four fans on each protected group
Fan assembly	8 x Papst 8414NG, horizontally mounted in a roof-cowl-supported chassis
Internal fusing	500 mA anti-surge protection for each four-fan group
Power consumption	2 x 8 W, as specified for the assembly
Per-fan airflow	69 m3/h (40.6 ft3/min) at nominal 3100 rpm
Eight-fan noise level	41 dB; the overview separately quotes 32 dB per fan

02 TECHNICAL DATA

Ingress protection condition	IP20 with the roof cowl fitted
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 power connection	TC-011-01 cable from the T8292 power distribution unit
Equipment dimensions	88 x 483 x 225 mm (H x W x D); not packed dimensions
Equipment mass	2.9 kg; not packed or gross shipping weight

03 APPLICATION AND CONFIGURATION

- T8271 exhausts air above a Trusted equipment cabinet. The eight-fan roof arrangement complements the approved cabinet ventilation design and receives dual feeds through the specified fan cable. Its stated IP20 condition requires the roof cowl to be fitted.
- Match T8271, the cabinet roof mounting, cowl, dual feeds and approved fan-chain population. Shared fan type or voltage does not make it interchangeable with the rack tray; confirm the actual supplied cowl and fixing arrangement separately.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T8271 Issue 12 | Trusted Roof-Mounted Fan Tray

PDF p. 1: exhaust role and roof-cowl condition; p. 11: eight-fan arrangement and wiring; p. 12: supplies and cable; p. 13: assembly 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

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM