AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8231C

Trusted 24V power pack

OUTPUT	CAPACITY	CURRENT	INPUT
24 V DC	**750 W**	**31.25 A**	**90-264 V AC**

ICS Triplex T8231C is the C-order power pack paired with T8231 in the manufacturer release documentation. It supplies a nominal twenty-four volt DC output from the documented AC input range, with a maximum power rating of 750 W per pack.

01 PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8231C
Nominal output voltage	24 V DC
Rated output current	31.25 A
Maximum output power	750 W per power pack
AC input voltage	90 to 264 V AC
Input frequency	47 to 63 Hz
Power factor	0.95 minimum, 0.99 typical at more than 50% full load
Hold-up time	20 ms minimum at 600 W

PD-T823X Issue 11 | Trusted Power System. Document issue is not the supplied hardware revision.

02 TECHNICAL DATA

Output regulation	+/-2%, measured at remote sense
Remote-sense drop	0.5 V DC maximum
Output ripple	150 mV peak-to-peak maximum, 20 MHz bandwidth
Output noise	300 mV peak-to-peak maximum, 20 MHz bandwidth
Peak inrush current	50 A maximum per pack at full load
Operating temperature and derating	0 to +60 degrees C; derate 1.333%/C at 45-50 C and 4.667%/C at 50-60 C
Relative humidity	10-95%, noncondensing
Power shelf	T8230; approved load and redundancy configuration required

03 APPLICATION AND CONFIGURATION

- T8231C is a 24 Vdc, 750 W power pack used in the T8230 shelf. Available redundant capacity depends on the fitted packs and approved load; shelf totals are not a single-pack rating.
- Match the nominal 24 Vdc output, shelf, input supply, configured load and cooling conditions. Do not substitute the other voltage variant on the basis of a similar housing.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T823X Issue 11 | Trusted Power System

PDF p. 11: model selection; pp. 21-26: power-pack specifications; p. 28: replacement; pp. 13-16: shelf connections.

RN007A - explicit T8231 / T8231C pairing, PDF page 5

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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