

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8232

Trusted 28V power pack



OUTPUT	CAPACITY	CURRENT	INPUT
28 V DC	750 W	26.78 A	90-264 V AC

ICS Triplex T8232 is a 750 W power pack for the Trusted power shelf, with a nominal 28 Vdc output and a rated current of 26.78 A. It converts the documented AC input supply into DC power within a configured distributed power arrangement.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8232
Nominal output voltage	28 V DC
Rated output current	26.78 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

- T8232 is a 28 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 28 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.

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