

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8292C

Trusted MCB power distributor

BRANCHES	INPUT LIMIT	PROTECTION	ALARM
4 dual + auxiliary	60 A maximum	MCB branches	Volt-free contact

ICS Triplex T8292C belongs to the Trusted miniature circuit breaker power distribution family. It provides protected DC branches for controller or expander chassis, downstream fused distribution and fan equipment. The installed link and feeder wiring determine the intended redundancy arrangement.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8292C
Breaker arrangement	Two five-channel sections with configurable feeder linking
Chassis distribution outputs	4 dual 24 Vdc branches with 20 A MCB protection
Auxiliary output	1 dual 24 Vdc branch with 3 A MCB protection
Maximum input current	60 A; branch breaker values are not additive capacity
Common alarm contact	Volt-free normally open contact, closed when healthy; open on trip
Status indication	2 green feeder-health LEDs and 10 red breaker-trip LEDs
Alarm switching voltage	60 Vdc or 125 Vac maximum; not the DC supply rating

02 TECHNICAL DATA

Mounting arrangement	TS32 or TS35 DIN rail; horizontal or vertical
Operating temperature	0 to +60 degrees C
Non-operating temperature	-25 to +70 degrees C
Relative humidity	10-95%, noncondensing; operation, storage and transport
Equipment dimensions	108 x 240 x 109 mm (H x W x D)
Equipment mass	823 g; not packaged or shipping gross weight

03 APPLICATION AND CONFIGURATION

- T8292C distributes existing DC power through two breaker sections. Chassis, downstream fused distribution and fan loads require the correct branch and cable. The N+1 link and feeder allocation determine the redundancy; a dual terminal pair alone does not establish two independent feeds.
- Match T8292C and the actual revision, voltage applicability, link position, feeder allocation and load schedule. PC002G lists ordinary-location scope for this family. Do not infer hazardous-location suitability or an automatic redundant connection from the product name.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T8292 Issue 10 | Power Distribution Unit MCB 24 Vdc

PDF pp. 1, 12-15: purpose and feeder paths; pp. 17-21: configuration and mounting; pp. 23, 25-26: cables, terminals and ratings.

PC002G - voltage, location and C-suffix scope, PDF pp. 4 and 6

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