EXPERION SERIES 8 C300

Product Data Sheet

8C-TCNTA1 51307125-175

Series 8 C300 controller IOTA

FUNCTION	FAMILY	ORIGIN	WEIGHT
Series 8 C300 controller IOTA	**Experion Series 8 C300**	**United States**	**0.38 kg**

Honeywell 8C-TCNTA1 51307125-175 is a coated controller input/output termination assembly for the Experion Series 8 C300. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Model designation	8C-TCNTA1
Assembly function	C300 controller I/O Termination Assembly (IOTA)
Surface protection	Conformal coated
Controller platform	Experion Series 8 C300
Module interface	C300 electronics module mounts on the IOTA
Field terminals	Two-level detachable terminals
Field-power distribution	Supplied through the IOTA
Redundancy support	IOTA-based controller redundancy
Operating temperature	0 to 50 C external; 0 to 60 C internal
Storage temperature	-40 to 85 C

02 ADDITIONAL PRODUCT DATA

Relative humidity	5 to 95% non-condensing
Operating altitude	-300 to +3000 m
Corrosion classification	ISA S71.04 G3
Hazardous-location rating	Class I Division 2; Zone 2
Temperature class	T4 maximum

03 OFFICIAL APPLICATIONS

- Oil and Gas
- Pharmaceutical Production
- Power Generation

04 SYSTEM COMPATIBILITY

Match 8C-TCNTA1 51307125-175 to the installed Experion Series 8 C300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Honeywell technical documentation for 8C-TCNTA1 51307125-175

https://process.honeywell.com/

AMIKON PRODUCT SUPPORT

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