

HONEYWELL EXPERION PKS CONTROL SYSTEMS

Product Data Sheet

CC-PCNT05 51308592-176

C300 process controller

FUNCTION C300 process controller	FAMILY Honeywell Experion PKS control system	ORIGIN United States	WEIGHT Confirm before dispatch
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Honeywell DCS CC-PCNT05 51308592-176 is a C300 process controller for the Honeywell Experion PKS control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Model Number	CC-PCNT05
Part Number	51308592-176
Controller Family	C300
Supply Voltage	24 V DC
Operating Range	18 to 32 V DC
Power Consumption	15 W typical
Operating Temperature	0 to 60 °C
Storage Temperature	-40 to +85 °C
Relative Humidity	5 to 95% noncondensing
Control Network	FTE redundant Ethernet

ADDITIONAL PRODUCT DATA

I/O Network	Series C I/O link
Controller Pairing	Redundant-capable
Time Synchronization	Experion system time
Mounting	Series C controller IOTA
Platform	Experion PKS

OFFICIAL APPLICATIONS

- Apply CC-PCNT05 51308592-176 in its documented equipment: Use CC-PCNT05 51308592-176 as the C300 process controller in the Honeywell Experion PKS control systems. Confirm controller family C300 and the exact installed arrangement before connection.
- Preserve the relative humidity configuration: Record the product label, relative humidity (5 to 95% noncondensing), cable identification, grounding and adjacent hardware before removing the installed unit.
- Prove the C300 process controller under controlled conditions: After installation, verify mounting (Series C controller IOTA), check diagnostics and test the affected function before returning the equipment to service.

SYSTEM COMPATIBILITY

Match CC-PCNT05 51308592-176 to the installed Honeywell Experion PKS control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Honeywell controlled technical reference](#)

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM