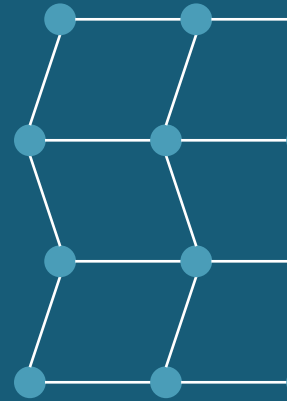


MANUFACTURER-SOURCE TECHNICAL REFERENCE

Honeywell CC-PCNT01 51405046-175

Product Reference

Experion PKS C300 controller module



DOCUMENT SCOPE

Apter Power product reference prepared from product-specific Honeywell technical information. Confirm the complete product identity and installed-system requirements before use. No product photograph is included.

Product / lookup identity	Honeywell CC-PCNT01 51405046-175
Reference number	51405046-175
Document basis	Honeywell technical documents listed on page 3



Product page

<https://www.apterpower.com/Honeywell/cc-pcnt01-51405046-175>

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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Honeywell CC-PCNT01 is a C300 controller module for Experion PKS control execution and Series C I/O integration. Its primary hardware function is Experion PKS C300 controller module. System context: Experion PKS C300 controller module.

Technical parameter	Technical value
Controller platform	Experion PKS C300
Execution environment	Control Execution Environment
I/O Link interfaces	2 redundant links
Controller configuration	Non-redundant or redundant
Engineering tool	Control Builder
Verification Status	Product Reference

System function and signal path

01	System Inputs: Experion PKS C300 controller module
02	Processing: Honeywell CC-PCNT01 is a C300 controller module for Experion PKS control execution and Series C I/O integration. The requested unit carries part number 51405046-175.

Applications, answers, and official sources

- 1 CC-PCNT01 installed-base replacement: Supports like-for-like maintenance of the documented Experion PKS C300 controller module.
- 2 CC-PCNT01 compatibility review: Checks the host hardware, slot or mounting position, companion assembly, cable and revision before replacement.
- 3 CC-PCNT01 installation planning: Defines the required isolation, ESD, terminal, wiring and configuration checks before field work.
- 4 CC-PCNT01 commissioning: Supports controlled power, channel, communication, diagnostic and process-response checks after installation.

Frequently asked questions

Which Experion platform uses CC-PCNT01?	CC-PCNT01 is a C300 controller module for the Honeywell Experion PKS platform.
Can CC-PCNT01 be used in a redundant controller pair?	A C300 controller can operate in redundant configuration when a second identical controller, its IOTA and the required redundancy connection are installed.
Which engineering tool is used with CC-PCNT01?	Honeywell Control Builder is used to configure and load C300 control strategies for CC-PCNT01.
What controller platform value applies to CC-PCNT01?	For CC-PCNT01, the listed controller platform value is Experion PKS C300. Confirm the same marking and configuration on the installed unit before work.
What execution environment value applies to CC-PCNT01?	For CC-PCNT01, the listed execution environment value is Control Execution Environment. Confirm the same marking and configuration on the installed unit before work.
What i/o link interfaces value applies to CC-PCNT01?	For CC-PCNT01, the listed i/o link interfaces value is 2 redundant links. Confirm the same marking and configuration on the installed unit before work.

Official Honeywell sources

Honeywell Experion C300 Controller	https://prod-edam.honeywell.com/content/dam/honeywell-edam/pmt/hps/products/pas/experion-pks/controllers/c300-controller/pmt-hps-exp_c300_pin.pdf
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