

一流的安全保障，确保安全可靠的运营

- Facilitates modular and parallel project execution  
促进模块化和并行项目执行
- Maximized process uptime and minimized maintenance effort with robust diagnostics and innovative redundancy schemes  
通过强大的诊断功能和创新的冗余方案，最大限度地延长流程正常运行时间，并最大限度地减少维护工作量。
- Improved engineering productivity and maintenance using the rich function libraries provided in the intuitive user environment Seamless integration of smart field devices and controllers via standard protocols.  
利用直观用户环境中提供的丰富函数库，提高工程生产力和维护效率；通过标准协议无缝集成智能现场设备和控制器。

**C300v5 (PCNT05), latest controller in this family, supports traditional 1:1 redundant and [Control HIVE](#) deployment.**

**C300v5 (PCNT05) 是该系列中最新的控制器，支持传统的 1:1 冗余和 [Control HIVE](#) 部署。**

## Specifications

### OTHERS

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#### Models

- C300 (PCNT05)

#### Execution Units (XUs)

- 9000 XUs

#### Execution Environment

- Honeywell's Control Execution Environment (CEE)

#### Synchronization Time

- ~240 sec

#### Supported Protocols

- CDA peer-to-peer second (time unit)
- EtherNet/IP via EIM second (time unit)
- Foundation Fieldbus via FIM4/FIM8 second (time unit)
- Modbus/TCP via PCDI second (time unit)
- Profibus via PGM second (time unit)
- Profinet via EIM second (time unit)
- VLAN-based IO HIVE second (time unit)

#### Temperature Rating

- -40 to +70°C

#### SNTP Update Period

- 1 min

#### PTP Update Period

- 30 sec

#### I/O HIVE Capacity

- 1500 IO HIVE Parameter References
- Up to 15 CN100 Connections

#### Redundancy Cable

- Ethernet STP

#### Execution Period

- 20 ms not supported for PCNT05
- 50 ms (Standard)

#### Switchover Time

- ~500 ms

#### Device Indexing

- Odd-Even Pairing (e.g., 1 and 2)

#### Tagged Blocks

- Up to 4095

**Security Lock**

- Configurable via Device Index Switches

**Mounting Type**

- On Input Output Termination Assembly (IOTA)

**Memory Backup**

- CC-SCMB05 Module for Power-Loss Recovery

**Time Sources**

- NTP
- PTPv2

**User Memory**

- 32,768 MU (Memory Units)

**Form Factor**

- Series C

**Redundancy**

- Supports 1:1 redundancy with dedicated IOTA and redundancy cable

**Security**

- Embedded Firewall
- ISA Secure CSA L2 Certified

## Filters

 CATEGORY

- Spare Part
- Base Part

 TYPE

- Power Cable
- Cable
- Extension Cable
- IO link Cable
- Fuse
- Controller Module
- Fieldbus Interface Module

 Search

<b>Part Number</b>	<a href="#">51109516-101</a>
<b>Description</b>	FAN POWER CABLE (10 FEET)
<b>Category</b>	-
<b>Type</b>	-
	<a href="#">Order Online</a>
<b>Part Number</b>	<a href="#">51109516-501</a>
<b>Description</b>	FAN POWER CABLE (15 FEET)
<b>Category</b>	Spare Part
<b>Type</b>	Power Cable
	<a href="#">Order Online</a>
<b>Part Number</b>	<a href="#">51121311-100</a>
<b>Description</b>	SERIES C DUAL CAB INTERNAL KIT
<b>Category</b>	Spare Part
<b>Type</b>	Internal Kit
	<a href="#">Order Online</a>