

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Honeywell CC-PDOB01 51405043-175

Product Reference

Series C bussed 24 VDC digital output 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-PDOB01 51405043-175
Reference number	51405043-175
Document basis	Honeywell technical documents listed on page 3



Product page

<https://www.apterpower.com/Honeywell/cc-pdob01>
Apter Power contact

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Product role and published parameters

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

Honeywell CC-PDOB01 is a 32-channel Series C bussted 24 VDC digital output module identified by part number 51405043-175. Its primary hardware function is Series C bussted 24 VDC digital output module. System context: Series C bussted 24 VDC digital output module.

Technical parameter	Technical value
Output type	Bussted 24 VDC digital output
Output channels	32
Output action	Current sourcing
Protection	Electronic short-circuit protection
Non-redundant IOTA	CC-TDOB01
Redundant IOTA	CC-TDOB11
Relay IOTA options	CC-TDOR01 or CC-TDOR11

System function and signal path

01	System Inputs: Series C bussted 24 VDC digital output module
02	Processing: Honeywell CC-PDOB01 is a 32-channel Series C bussted 24 VDC digital output module identified by part number 51405043-175.

Applications, answers, and official sources

1 CC-PDOB01 installed-base replacement: Supports like-for-like maintenance of the documented Series C bussted 24 VDC digital output module.

2 CC-PDOB01 compatibility review: Checks the host hardware, slot or mounting position, companion assembly, cable and revision before replacement.

3 CC-PDOB01 installation planning: Defines the required isolation, ESD, terminal, wiring and configuration checks before field work.

4 CC-PDOB01 commissioning: Supports controlled power, channel, communication, diagnostic and process-response checks after installation.

Frequently asked questions

Which output service is CC-PDOB01 intended for?	CC-PDOB01 is intended for series c bussted 24 vdc digital output module service with the channel and signal limits listed on this page.
How should an output load be matched to CC-PDOB01?	Confirm the load voltage, current, resistance, field supply and protection are within the documented limits for CC-PDOB01.
What commissioning test is appropriate for CC-PDOB01?	Exercise one CC-PDOB01 channel at a time under an approved test procedure and verify the field device, feedback and fail-state response.
What output type value applies to CC-PDOB01?	For CC-PDOB01, the listed output type value is Bussted 24 VDC digital output. Confirm the same marking and configuration on the installed unit before work.
What output channels value applies to CC-PDOB01?	For CC-PDOB01, the listed output channels value is 32. Confirm the same marking and configuration on the installed unit before work.
What output action value applies to CC-PDOB01?	For CC-PDOB01, the listed output action value is Current sourcing. Confirm the same marking and configuration on the installed unit before work.

Official Honeywell sources

Honeywell Experion Series-C I/O Specification	https://prod-edam.honeywell.com/content/dam/honeywell-edam/pmt/hps/products/pas/experion-pks/i-o-modules/series-c-i-o-modules/EP03-490-520_V10_SCIO_1_5.pdf
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