Honeywell CC-PDOB11 51308373-175

Redundant DO IOTA / Product dashboard

This consolidated record keeps Honeywell CC-PDOB11 identity, technical limits, applications, precautions and acceptance evidence on one review surface.

IDENTITY

Honeywell CC-PDOB11 51308373-175

PRODUCT ROLE

Redundant DO IOTA

PLATFORM

Experion Series C 24 Vdc Digital Output

CONTROL BASIS

Exact evidence plus installed-system record

Supplied commercial reference	CC-PDOB11
Official Honeywell IOTA	CC-TDOB11
Exact part number	51308373-175
Hardware role	24 Vdc digital-output IOTA
Configuration	Redundant
Coating	Conformally coated

The dashboard places CC-PDOB11 51308373-175 identity, operating role and maintenance boundaries in one review surface for the Experion Series C 24 Vdc Digital Output installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Honeywell CC-PDOB11 51308373-175

Redundant DO IOTA / Technical matrix

Supplied commercial reference	CC-PDOB11
Official Honeywell IOTA	CC-TDOB11
Exact part number	51308373-175
Hardware role	24 Vdc digital-output IOTA
Configuration	Redundant
Coating	Conformally coated
Output channels	32
Output arrangement	Bussed 24 Vdc
Companion IOM	CC-PDOB01
Short-circuit response	Faulted point shuts down; unaffected channels remain active
Thermal alarm threshold	Field short greater than 0.5 A
Identity rule	Verify official IOTA model and complete part number

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Honeywell Series C I/O User's Guide

REVISION NOTE

EPDOC-X126

Honeywell CC-PDOB11 51308373-175

Redundant DO IOTA / Application architecture

Redundant solenoid outputs

Terminates bussed 24 Vdc commands through the documented redundant IOTA.

Motor-control interface

Provides protected digital-output terminations for interposing devices.

Valve manifold control

Groups thirty-two field-output channels in a Series C cabinet.

Legacy spare reconciliation

Maps the supplied commercial reference to the official CC-TDOB11 hardware identity.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the Experion Series C 24 Vdc Digital Output context, CC-PDOB11 51308373-175 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Honeywell CC-PDOB11 51308373-175

Redundant DO IOTA / Risk and decision register

PRIMARY RISK

A mismatch between the CC-PDOB11 51308373-175 label and the installed redundant do iota record.

CONFIGURATION RISK

Loss of the CC-PDOB11 51308373-175 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Experion Series C 24 Vdc Digital Output item as automatically equivalent to CC-PDOB11 51308373-175.

RELEASE RISK

Returning CC-PDOB11 51308373-175 to control before diagnostics and functional response are witnessed.

Decision register

Which Honeywell IOTA model officially matches CC-PDOB11 51308373-175?

Honeywell identifies part number 51308373-175 as the coated redundant 24 Vdc digital-output IOTA CC-TDOB11.

How many output channels terminate on the official hardware behind CC-PDOB11 51308373-175?

CC-TDOB11 terminates thirty-two bussed 24 Vdc digital-output channels.

What happens when one field output is shorted on CC-PDOB11 51308373-175?

The affected point is shut down and annunciated while channels without the short remain unaffected.

What identity must be checked before ordering CC-PDOB11 51308373-175?

Confirm the complete 51308373-175 part number and official CC-TDOB11 IOTA marking on the required hardware.

Why is CC-PDOB11 shown as a commercial reference on CC-PDOB11 51308373-175?

The located Honeywell manual does not list CC-PDOB11 as the official IOTA model, so the supplied name is retained only as a cross-reference.

Which output module works with the official IOTA behind CC-PDOB11 51308373-175?

The Series C user guide associates CC-TDOB11 with the CC-PDOB01 digital-output module arrangement.

What thermal protection indication is documented for CC-PDOB11 51308373-175?

Honeywell documents a thermal-protection alarm for a field short greater than 0.5 A.

What completes commissioning of CC-PDOB11 51308373-175?

Verify channel mapping, bussed field power, output response, short-circuit diagnostics and redundant IOTA status.

Decision closeout

Approve the CC-PDOB11 51308373-175 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Honeywell CC-PDOB11 51308373-175

Redundant DO IOTA / Canonical record and support

Canonical identity	Honeywell CC-PDOB11 51308373-175
Product name	Redundant DO IOTA
Family	Experion Series C 24 Vdc Digital Output
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Honeywell 51303940-250 MC-FAN511 Cabinet Fan Assembly with Alarm	View Honeywell 51303940-250 MC-FAN511 Cabinet Fan Assembly with Alarm page
Honeywell WEB-600 WEBs-AX Embedded Controller/Server	View Honeywell WEB-600 WEBs-AX Embedded Controller/Server page

MANUFACTURER EVIDENCE RECORD

Honeywell Series C I/O User's Guide

EPDOC-X126

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Send the exact model, quantity, destination and requested condition for a quotation.