

PRODUCT
DASHBOARD

8C-TAOXB1 51307137-175

Series 8 Redundant Analog Output IOTA

Honeywell 8C-TAOXB1 51307137-175 is a conformally coated redundant Analog Output IOTA for the Series 8 platform. It provides the termination assembly used with the matched Series 8 analog output I/O module pair.

BRAND

Honeywell

ORIGIN

USA

HS CODE

8537101190

SHIPS FROM

Xiamen, Fujian, China

Complete public-page information view

Technical data dashboard

Series 8 Redundant Analog Output IOTA

PLATFORM Series 8	IOTA FUNCTION Analog output	REDUNDANCY Redundant
COATING Conformally coated	NOMINAL IOTA SIZE 12 in	ASSOCIATED IOMS 8C-PAOHA1 / 8C-PAONA1
OUTPUT SIGNAL CONTEXT 4-20 mA		

Application and support view

Four engineering use cases plus customer-oriented verification questions.

Redundant process-control outputs

Terminates paired analog-output channels used to command final control elements in a Series 8 controller installation.

HART device output architecture

Works with the documented HART analog-output IOM when the project requires digital device communication over the current loop.

Non-HART current-loop service

Provides the redundant IOTA foundation for conventional Series 8 analog current outputs.

FAQ SNAPSHOT

1

Which control platform uses 8C-TAOXB1 51307137-175?

Controller migration panel work

Supports controlled replacement of the IOTA while preserving the approved Series 8 wiring and redundancy design.

2

Can a HART analog-output module be paired with 8C-TAOXB1 51307137-175?

3

Can a non-HART analog-output module be paired with 8C-TAOXB1 51307137-175?

4

What should be recorded before rewiring 8C-TAOXB1 51307137-175?

Related-series navigator

Eight unique and verified Apter Power destinations for this dashboard.

01 CC-GDIL01 isolated digital input module

02 CC-TUIO31 universal I/O IOTA

03 8C-IP0101 51454362-175 I/O assembly

04 8C-PCNT01 51454363-175 controller assembly

05 8C-PCNT02 51454363-275 controller module

06 8C-PCNT03 51454363-375 Experion LX controller

07 CC-TDIL51 51307083-175 digital input IOTA

08 CC-TDOR01 51308376-175 relay output IOTA

Related pages are navigation aids and are not used as manufacturer parameter sources.

Traceability and commissioning closeout

Verify the complete model and item number, the Series 8 carrier arrangement, both IOM hardware types, field terminal assignments, 24 Vdc supply, shield treatment, FAILOPT configuration, redundancy health and a controlled loop test before commissioning.

OFFICIAL MANUFACTURER SOURCE

Series 8 Controller and I/O Specification

S803-150-110 V1.2

ENGINEERING RELEASE NOTE

Mount 8C-TAOXB1 51307137-175 in the approved Series 8 redundant analog-output assembly and verify the paired IOM type before landing field conductors. Confirm field supply, channel assignments, redundancy status and configured safe-state behavior before placing outputs in service.

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