

ABB

YPQ202A YT204001-KB

COMPLETE PRODUCT INFORMATION

ABB YPQ202A YT204001-KB is an I/O interface board used in a TYRAK converter-control assembly, where the YPQ202 board family connects external signals with the control software.

IDENTITY DASHBOARD

TYPE

I/O Interface Board

SYSTEM

TYRAK converter-control system

SOURCE

YPQ202A / YT204001-KB; ABB TYRAK MIDI II and TYRAK XL technical descriptions

SELECTED PRODUCT LINKS

01 ABB HESG324063R100-HESG216882-A-216DB61
[VIEW ABB HESG324063R100-HESG216882-A-216DB...](#)

02 ABB 3BSE007137R1-PFVO131
[VIEW ABB 3BSE007137R1-PFVO131](#)

03 ABB 3BHB020720R0002-5SHY3545L0016
[VIEW ABB 3BHB020720R0002-5SHY3545L0016](#)

04 ABB IEPAF02
[VIEW ABB IEPAF02](#)

05 ABB AX561-1TNE968902R1301
[VIEW ABB AX561-1TNE968902R1301](#)

06 ABB 83SR07A-E-GJR2392700R1210
[VIEW ABB 83SR07A-E-GJR2392700R1210](#)

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YPQ202A YT204001-KB

Identity and verified record

Complete model	YPQ202A YT204001-KB	Manufacturer	ABB
Product family	TYRAK converter-control system	Ordering identity	YT204001-KB
Board designation	YPQ202A	Component type	I/O interface board
System context	ABB TYRAK converter-control assembly	Core control-board set	YPQ201 processor, YPR201 memory and YPQ202 I/O board
Interface role	Connection and conversion between external hardware and control software	Signal services	Digital, analog and feedback services according to the installed control program
Configuration rule	Channel allocation and board settings are control-program specific	Feedback handling	TYRAK documents show YPQ202 involvement in pulse or tacho feedback arrangements
Test support	Supported TYRAK programs provide system-test functions through the control architecture	Replacement boundary	Retain the complete YPQ202A / YT204001-KB identity and installed project record

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System role, applications and boundaries

1

Interfaces external hardware with the TYRAK control software

2

Works with the YPQ201 processor and YPR201 memory board

3

Carries program-dependent digital, analog and feedback services

4

Requires the installed TYRAK program and wiring record to be preserved

Converter signal interface

Connects external converter-control signals to the TYRAK control electronics.

Digital and analog I/O

Supports the signal groups assigned by the installed control program and project wiring.

Feedback processing

Participates in documented pulse or tacho feedback arrangements when that program uses them.

Exact-board replacement

Restores the YPQ202A / YT204001-KB position without borrowing channel data from another TYRAK program.

VERIFICATION BOUNDARY

Treat the exact YPQ202A and YT204001-KB markings as one article identity. Channel counts, jumper positions, terminal allocation and feedback use must be taken from the installed TYRAK program and project documentation, not from a different YPQ202 application.

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Field controls and product-specific decisions

1

Record both YPQ202A and YT204001-KB markings before removing the board.

2

Isolate the converter and prove every control-power and field-signal circuit de-energized.

3

Photograph and label each connector, terminal group, shield and jumper position before disconnection.

4

Use grounded ESD controls and protect the board edge, contacts and mounted components.

5

Confirm the companion YPQ201 processor, YPR201 memory and installed TYRAK program identity.

6

Do not copy channel assignments or jumper settings from another YPQ202 control program.

7

Restore wiring and board seating exactly, then check converter diagnostics before enabling power circuits.

8

Prove every assigned digital, analog and feedback path and retain the final acceptance record.

What identifies ABB YPQ202A YT204001-KB during replacement?

Use both visible identities together: YPQ202A is the board designation and YT204001-KB is the ordering identity. Record both before removal.

What job does ABB YPQ202A YT204001-KB perform in a TYRAK assembly?

It forms the I/O interface between external hardware and the converter-control software, including the signal services assigned by the installed program.

Which companion boards operate with ABB YPQ202A YT204001-KB?

The basic TYRAK control-board set places the YPQ202 I/O board with a YPQ201 processor and YPR201 memory module.

Can fixed channel counts be assumed for ABB YPQ202A YT204001-KB?

No. ABB TYRAK documents allocate YPQ202 channels differently for different control programs, so the installed program and project drawings govern.

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Related products on Apter Power

Navigation links only. They are not manufacturer evidence for this product.

01 ABB CI545V01-3BSE011063R1
VIEW ABB CI545V01-3BSE011063R1

04 ABB PM902F-3BDH001000R0005
VIEW ABB PM902F-3BDH001000R0005

07 ABB FCNA-01
VIEW ABB FCNA-01

10 ABB 5SDD0120C0200
VIEW ABB 5SDD0120C0200

13 ABB HIEE300686R1-UFC092A-V1
VIEW ABB HIEE300686R1-UFC092A-V1

16 ABB GJR2368900R1313-87TS01K-E
VIEW ABB GJR2368900R1313-87TS01K-E

02 ABB DSMB178-IN5730-1001-Y
VIEW ABB DSMB178-IN5730-1001-Y

05 ABB CM30-100S0E0-STD
VIEW ABB CM30-100S0E0-STD

08 ABB PU410-3BSE056478R1
VIEW ABB PU410-3BSE056478R1

11 ABB DI828-3BSE069054R1
VIEW ABB DI828-3BSE069054R1

14 ABB 1SFB527068D7084
VIEW ABB 1SFB527068D7084

17 ABB GJR2392700R1210-83SR07F-E
VIEW ABB GJR2392700R1210-83SR07F-E

03 ABB SA811F-3BDH000013R1
VIEW ABB SA811F-3BDH000013R1

06 ABB CI930F-3BDH001010R0005
VIEW ABB CI930F-3BDH001010R0005

09 ABB SDCS-CON-1
VIEW ABB SDCS-CON-1

12 ABB HIEE300725R1-UAC317AE-V1
VIEW ABB HIEE300725R1-UAC317AE-V1

15 ABB GJR2389800R1210-81ET03N-E
VIEW ABB GJR2389800R1210-81ET03N-E

18 ABB GJR2393400R1210-81EA04C-E
VIEW ABB GJR2393400R1210-81EA04C-E

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