AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

YPQ112B

Four-Channel DDCS Interface Board

TYPE	REFERENCE	FAMILY	SCOPE
Four-Channel DDCS Interface Board	**YPQ112B**	**APC2 DDCS**	**Verified interfaces**

ABB YPQ112B is a four-channel DDCS interface board for an APC2 control rack. Its optical channels connect the controller to compatible drive arrangements. The front plate separates the transmit and receive connections by channel and provides status indications alongside a serial service connector.

01 DOCUMENTED PRODUCT REFERENCE

Communication protocol	DDCS
Optical channels	4 per board
DCS600 optical medium	Plastic optical fibre
DCS600 reference link length	0.2-20 m in the illustrated APC arrangement
Host controller	APC2; APC1 requires upgrade in the cited retrofit

Nine verified interface / rack details; example-specific fibre range is not a universal rating.

02 TECHNICAL DATA

Rack position requirement	1 free APC rack slot
Front serial connection	1 nine-position RS232 socket
Optical connector arrangement	CH1-CH4, paired transmit / receive connections
Front status markings	CLOCK, WD, TXD and RXD

03 APPLICATION AND CONFIGURATION

- YPQ112B front-plate identification
- APC2 rack and free interface position
- Channel-to-drive allocation and optical medium
- Controller program and drive communication settings
- Use the applicable manufacturer safety and installation instructions.

04 REFERENCE BASIS

ABB DCS600 Operating Instructions and APC2 retrofit guidance

DCS600 instructions, page IV F 2-24; ACS880-based Retrofit Handbook, section 3.7.2. Front connector markings cross-checked against the original photographs. Unverified electrical ratings omitted.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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