ABB BCU CONTROL UNITS

Product Data Sheet

BCU-12 3AUA0000110430

BCU-12 industrial drive control unit

FUNCTION	FAMILY	ORIGIN	WEIGHT
BCU-12 industrial drive control unit	**ABB BCU control units**	**Switzerland**	**1.55 kg**

ABB BCU-12 3AUA0000110430 is a fiber-optic converter control unit for the ABB BCU control units. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Control unit type	BCU-12
Fiber-optic connections	7 paired transmitter/receiver channels
Maximum POF cable length	35 m
External power input	24 V DC +/-10%, 2 A
Redundant power inputs	Two supplies supported
Relay outputs	3; 250 V AC / 30 V DC, 2 A
Digital inputs	6 plus one start-interlock input
Digital input/output channels	2 configurable 24 V channels
Analog inputs	2; -20 to 20 mA or -10 to 10 V
Analog input resolution	11 bit plus sign

02 ADDITIONAL PRODUCT DATA

Analog outputs	2; 0 to 20 mA
Drive-to-drive link	Daisy-chained RS-485
Option-module slots	3 plus one RDCO DDCS slot
DIN-rail mounting	35 x 7.5/15 mm
Accepted terminal wire	0.5 to 2.5 mm2 (22 to 12 AWG)

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing
- Oil and Gas
- Power Generation

04 SYSTEM COMPATIBILITY

Match BCU-12 3AUA0000110430 to the installed ABB BCU control units, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

ABB technical documentation for BCU-12 3AUA0000110430

https://new.abb.com/drives/

AMIKON PRODUCT SUPPORT

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