AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

RDCU-02C ASXR7220

Drive Control Unit

TYPE	REFERENCE	FAMILY	SCOPE
Drive Control Unit	**ASXR7220**	**ACS800 / RDCU**	**Hardware + software check**

ABB RDCU-02C ASXR7220 is an RMIO-based drive control unit for documented ACS800 configurations. It combines programmable analog and digital interfaces, relay outputs and an optical converter connection, while the installed application program determines the behavior of the associated drive.

01 DOCUMENTED PRODUCT REFERENCE

Power input, X34	24 V DC ±10%
Typical current, no options	250 mA
Maximum current, with options	1200 mA
Analog input channels	3 differential: 1 voltage + 2 current
Voltage input ranges	-10 / 0 / 2 to +10 V
Current input ranges	0 / 4 to 20 mA
Analog input resistance	Voltage: 200 kohm; current: 100 ohm
Analog current outputs	2; 0 (4) to 20 mA; load <700 ohm

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

Digital inputs	6 programmable + 1 start interlock
Digital input filter	1 ms
Relay outputs	3; maximum continuous current 2 A rms
Auxiliary output, no options	24 V DC ±10%; maximum 250 mA
PPCS optical components	10 MBd
Operating temperature	0 to +60 °C
Storage temperature	-40 to +70 °C

03 APPLICATION AND CONFIGURATION

- RDCU-02C and ASXR7220 identification
- SW TYPE, SW CODE and DEVICE TYPE labels
- RMIO revision and selected option modules
- Parameter backup and verified restart behavior
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB RDCU Hardware Manual, 3AFE64636324 Rev C

ABB 3AFE64636324 Rev C, pp.8-10: RDCU electrical and environmental ratings. Software, option modules and converter assignment require separate identity verification.

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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