

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ABB GJR2390200R1210 83SR04G-E

PROCONTROL P Control Module



TYPE	SUPPLY	INTERFACES	WEIGHT
83SR04-E/R1210	24 V	4	Approx. 0.55 kg

Prepared from the current manufacturer source identified on this page. This Amikon reference does not replace controlled installation drawings.

01 CONFIRM PRODUCT IDENTITY

Order number	GJR2390200R1210
Official type designation	83SR04-E/R1210
Product family	PROCONTROL P
Product type	Binary / analog control and signal-processing module
Operating modes	Binary control; analog control; signal conditioning
Process interfaces	Four hardware interfaces

02 INSTALLATION CONTROLS

- Use the module only in connection with the PROCONTROL P multi-purpose processing station.
- Connector X21 carries all process inputs and outputs; connector X11 carries the station bus and USA/USB supplies.
- Connect X11/d18 to ZD once per subrack as stated in the ABB function diagram.
- The module address is set automatically when the board is plugged into the PROCONTROL station.
- Load or change the user program through the PDDS and station bus; verify the applicable programmed EPROM position number.

03 CONNECTION REFERENCE

Product-specific functional reference based on the manufacturer connection information.



Connector X11	Station-bus interface and USA/USB operating voltages
Connector X21	All process inputs and outputs
Subrack reference	Connect X11/d18 to ZD once per subrack

Source: 1KGF 100 824, Edition 09/04. Use the current controlled manufacturer drawing for final wiring.

04 PRE-ENERGIZATION CHECKS

- 01 Confirm the complete product marking and exact order number.
- 02 Verify the approved system, power supply, environmental conditions and cabinet arrangement.
- 03 Check terminal or connector assignments against the current controlled manufacturer drawing.
- 04 Inspect protective bonding, separation, wiring integrity and secure module mounting.
- 05 Confirm configuration or user-program data before placing the equipment in service.
- 06 Retain the official manufacturer document and commissioning record with the machine file.

05 OFFICIAL DOCUMENTATION

[ABB application description - 1KGF 100 824](#)

[ABB Library PDF - Document 1KGF 100 824](#)

06 SCOPE REMINDER

These instructions are a concise product-specific reference. They do not replace system engineering, hazardous-area approval, protective coordination, current manufacturer instructions or qualified installation practice.

AMIKON PRODUCT SUPPORT

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