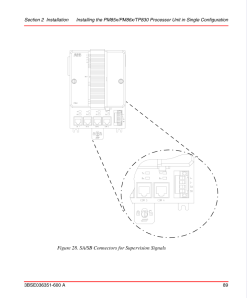
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

PM858K01

Processor unit kit



PRODUCT	PM858K01
FAMILY	AC 800M
FUNCTION	Processor unit kit
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from ABB documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Processor architecture	MPC866
Clock frequency	33 MHz
Installed memory	16 MB
Available application RAM	7.147 MB
Boolean execution time	0.36 ms per 1000 operations
Rated supply	24 V DC; permitted 19.2-30 V DC

02 PREPARATION AND CONNECTION

- Mount CEX communication units to the left and electrical ModuleBus I/O to the right.
- For the documented single-CPU configuration, insert TB852 at the RCU Link connection.
- Connect supply and supervision to SA/SB, Control Network to CN1/CN2 and serial communication to COM3.
- Fit the internal backup battery only after normal power-up and the flashing B indicator.

03

OFFICIAL INSTALLATION REFERENCE

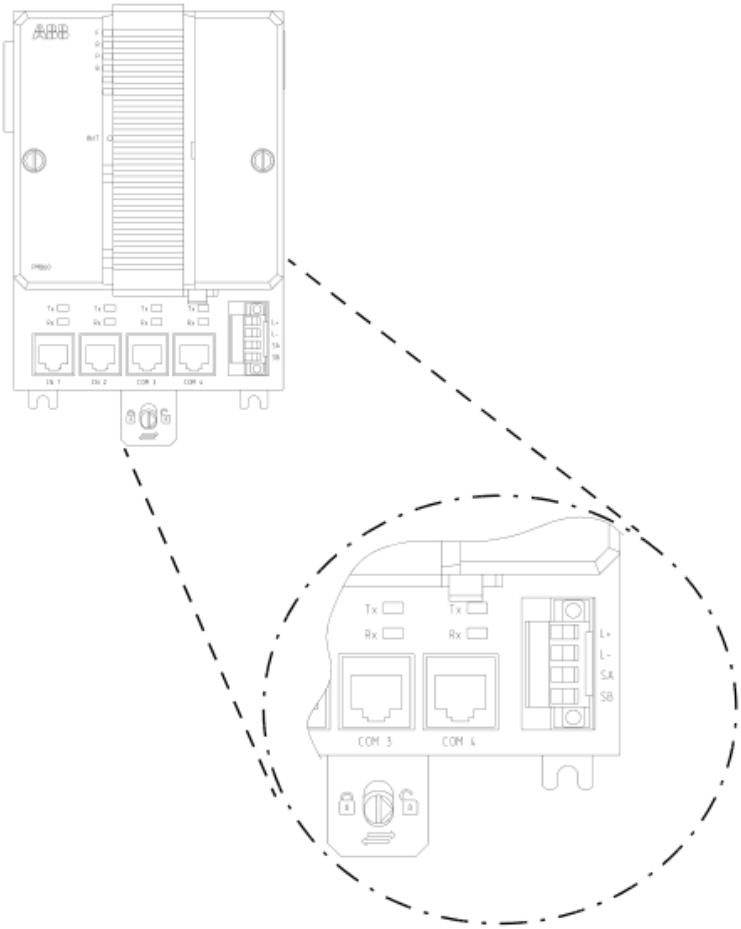


Figure 28. SA/SB Connectors for Supervision Signals

Official manufacturer page reproduced at its original aspect ratio.

04 COMMISSIONING CHECKS

01	Inspect the processor/baseplate and bus mating.
02	Fit the correct far-end bus terminations.
03	Confirm SA/SB supply and supervision wiring.
04	Check CN1/CN2 and configured COM3 communication.
05	Use COM4 with TK212 for service when required.
06	Activate and inspect backup battery operation.

05 CONTROLLED DOCUMENT

Official source	ABB AC 800M Controller Hardware 3BSE036351-600 A, pp.84-89
Product record	PM858K01
Manufacturer	ABB
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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