AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

PM865K01 3BSE031151R1

High Integrity Processor Unit

TYPE	REFERENCE	FAMILY	SCOPE
High Integrity Processor Unit	**PM865K01**	**AC 800M High Integrity**	**Verified exact-model technical reference**

ABB PM865K01 3BSE031151R1 is an AC 800M high integrity processor unit with a 96 MHz MPC862P processor and 32 MB RAM. ABB lists CPU redundancy support and high integrity capability for the PM865 platform.

01 DOCUMENTED PRODUCT REFERENCE

Type designation	PM865K01
Article number	3BSE031151R1
Processor unit	PM865 CPU
Processor type	MPC862P
Clock frequency	96 MHz
Memory	32 MB RAM
Application RAM	22.184 MB
High integrity controller	Yes

Evidence-led technical summary; unsupported ratings are intentionally omitted.

02 TECHNICAL DATA

CPU redundancy support	Yes
Typical power dissipation	6.9 W
Internal power reservoir	5 ms
Power supply connector	Detachable 4-pole screw terminal
Power status inputs	SA and SB
Built-in battery	Lithium 3.6 V, 0.95 Ah
CEX-bus communication modules	Up to 12

03 APPLICATION AND CONFIGURATION

- PM865K01 3BSE031151R1 and complete supplied marking
- baseplate, CEX bus, ModuleBus and power status inputs
- controller revision, redundancy and safety application
- Qualified installation and functional acceptance
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB AC 800M Controller and Communication Interfaces Data Sheet 3BSE063691

Only verified exact-model, official family, or visible identity facts are summarized; unknown ratings are excluded.

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

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM