AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ASFC-01C

Switch Fuse Controller

TYPE	REFERENCE	FAMILY	SCOPE
Switch Fuse Controller	**ASFC-01C**	**ACS800 multidrive charging circuit**	**Verified exact-model technical reference**

ABB ASFC-01C is identified in ACS800 multidrive circuit diagrams as the switch fuse controller used in R8i charging arrangements. The board coordinates charging-contactor and fuse-related connections while receiving auxiliary control power and exchanging status signals with the inverter arrangement.

01 DOCUMENTED PRODUCT REFERENCE

Product designation	ASFC-01C
Functional designation	Switch fuse controller
Documented context	ACS800 multidrive R8i charging circuit
Controller reference	A417
Auxiliary supply marking	230/115 V AC
Control supply marking	+24 V
Status indications	POWER, GREEN and FAULT, RED
Charging resistor circuits	Documented in R8i diagrams

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

02 TECHNICAL DATA

Charging contactor circuits	Documented in R8i diagrams
Supported diagram arrangements	Single, two and three R8i units
Terminal groups	X1, X2, X3, X4 and X5 shown
Protective-earth point	PE1 shown
Inverter status inputs	Multiple INV status lines shown
Cabinet interconnection	Drawing-specific
Motor-control interface	Separate RMIO control-board circuit shown

03 APPLICATION AND CONFIGURATION

- ASFC-01C and complete supplied marking
- X1-X5 terminal groups, supplies and charging circuit
- One, two or three R8i cabinet arrangement
- Qualified installation and functional acceptance
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB ACS800-107 Hardware Manual

Only verified exact-model or explicitly identified family 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

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