AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

SPTU 240 R2

Power-Supply and Output-Relay Module

TYPE	REFERENCE	FAMILY	SCOPE
Power-Supply and Output-Relay Module	**SPTU 240 R2**	**SPACOM**	**SPAM 150 C reference**

ABB SPTU 240 R2 combines an auxiliary power supply with output relays for compatible SPACOM protection assemblies. Its isolated converter accepts AC or DC auxiliary power and generates internal voltage rails, while the R2 version provides a normally open trip contact.

01 DOCUMENTED PRODUCT REFERENCE

Auxiliary input voltage	80...265 VAC/DC
Converter topology	Galvanically isolated flyback DC/DC
Primary fuse	F1; 1 A, slow
Amplifier supply rails	+12 VDC and -12 VDC; stabilized
Output-relay coil supply	+24 VDC; stabilized
Logic feed voltage	+8 VDC; unstabilized
R2 trip-contact form	NO; normally open
Output-contact rated voltage	250 VAC/DC; SPAM 150 C contact groups

SPACOM reference; host-specific contacts, terminal assignments and ordering variants require verification.

02 TECHNICAL DATA

Continuous contact current	5 A; SPAM 150 C output contacts
NO trip/restart short-time current	30 A for 0.5 s; make and carry
NO trip/restart 3-second current	15 A for 3 s; make and carry
NO trip/restart DC breaking	5/3/1 A at 48/110/220 VDC; L/R <=40 ms
Signalling-contact DC breaking	1/0.25/0.15 A at 48/110/220 VDC; L/R <=40 ms
External control input	18...265 VDC or 80...265 VAC; SPAM 150 C
Signalling short-time current	10 A for 0.5 s; 8 A for 3 s; make and carry

03 APPLICATION AND CONFIGURATION

- SPTU 240 R2 module marking
- 80...265 VAC/DC auxiliary input
- Normally open R2 trip contact
- Host-relay identity and contact duty
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB SPAM 150 C, 1MRS750637-MUM EN, version B

SPAM 150 C, version B: module and voltage rails p. 9; contact duties and control input p. 10. Contact and terminal values apply to that host-relay arrangement.

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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