SPGU240A1

Technical Reference | verified identity and ratings

The 80–265 V AC/DC operating window belongs to the SPGU 240 A1 execution. SPGU 48B2 is a different lower-voltage design; the nominal source, host relay and primary fuse must be considered together.

Verified technical data

Module type	Auxiliary power supply
Accepted supply	AC or DC
Operating input range	80–265 V AC/DC
Nominal AC options	110, 120, 230 or 240 V AC
Nominal DC options	110, 125 or 220 V DC
Input fuse	1 A slow
Primary/secondary arrangement	Transformer isolated
Related low-voltage version	SPGU 48B2; 18–80 V DC, not interchangeable by supply range

Power path

The approved auxiliary supply passes the primary protection stage before transformer-isolated conversion supplies the host relay electronics.

The relay Uaux indication and self-supervision should be interpreted at assembly level. A fault can involve the source, fuse, board seating or downstream relay circuitry.

Evidence and applicability

ABB SPAG 330C relay manual, original ABB library PDF, SPGU 240A1 power-supply and voltage-level sections.

Voltage range and fuse data are for the SPGU 240A1 power-supply module. Relay case alarms and total assembly burden are host-relay behaviors, not independent module ratings.

Related references

Separate product listings for system review. Verify each application independently.

ABB AI830A 3BSE040662R1

ABB TC520 3BSE001449R1

Enquiry contact

Apter Power | Technical enquiry

sales13@apterpower.com | +86 18030235313