Allen-Bradley 1606-XLSRED

Model: 1606-XLSRED
Brand: Allen-Bradley
Series: Bulletin 1606-XL

1606-XLS diode redundancy module for parallel/redundant power supply operation, 480 W DC bus.

—— Hardware ——
Mounting: DIN rail mounting
Function: combines two 24 V DC power supplies for 1+1 redundancy; diode decoupling
Connection: spring terminals

Approvals: UL 60950-1 / cUL / CE marked (per official Bulletin 1606 series standard)
—— Communication ——
Built-in ports: None (no communication interface)
Protocols: None (no communication interface)

—— Electrical ——
Input voltage: DC 9…60 V range (nominal DC 12…48 V), two inputs
Output voltage: DC 12…48 V nominal (combined bus)
Input current: 10 A nominal per input
Output current: 20 A nominal (25 A short-circuit maximum)
Rated power: 480 W
Voltage drop: 800 mV
Power losses: 0 W no-load; 17.0 W at nominal load

—— Environmental ——
Operating temperature: Not published by manufacturer (not listed numerically on product page or 1606-TD002 redundancy table)
Storage temperature: Not published by manufacturer (not listed numerically on product page or 1606-TD002 redundancy table)
Relative humidity: Not published by manufacturer (not listed numerically on product page)
Protection rating: IP20 (per Bulletin 1606 switched-mode power supply series standard; DIN-rail open-frame construction)

—— Physical ——
Dimensions (H × W × D): 124 × 32 × 102 mm (unit body; published as W × H × D 32 × 124 × 102 in 1606-TD002)

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Weight: 0.29 kg (per official Rockwell 1606-TD002 technical data)

—— Lifecycle ——

Current: Active on official Rockwell product page (Last verified: 2026-10)

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