Allen-Bradley 1606-XLSRED40

Model: 1606-XLSRED40
Brand: Allen-Bradley
Series: Bulletin 1606-XL

1606-XLS series dual-input MOSFET redundancy module, 40 A.

—— Hardware ——
DIN rail mount; dual-input MOSFET decoupling for 1+1 redundancy; low-loss MOSFET internal decoupling.

Approvals: UL 60950-1 / cUL / CE marked (per official Bulletin 1606 series standard)
—— Communication ——
Built-in ports: None (no communication interface)
Protocols: Not applicable (redundancy module; no communication protocol)

—— Electrical ——
Input voltage: DC 8.4...36.4 V range (2× 20 A input)
Output voltage: DC 12...28 V nominal
Output current: 40 A nominal (2× 20 A / 40 A); 65 A maximum short-circuit current
Voltage drop/output: 72 mV
Decoupling: MOSFET

—— Environmental ——
Operating temperature: -40...+70 ° C
Storage temperature: -40 to +85 ° C (non-operating, per official product page)
Relative humidity: 5 to 95 % (non-condensing, per official product page)
Protection rating: IP20 (DIN rail, enclosure mount; per official product page)

—— Physical ——
Dimensions (H×W×D): 124 × 36 × 127 mm (W×H×D 36×124×127 per 1606-TD002H, converted to H×W×D)
Weight: 340 g

—— Lifecycle ——
Current: Active on official Rockwell product pages; listed in Bulletin 1606-TD002H (July 2023) technical data (Last verified: 2026-10)

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