Allen-Bradley 1606-XLERED

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

1606-XLE series dual-input diode redundancy module.

—— Hardware ——
DIN rail mount; dual-input diode decoupling for 1+1 redundancy.

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 18...60 V range (2× 10 A input, 10 A per input nominal)
Output voltage: DC 24...48 V nominal
Output current: 20 A nominal (25 A maximum at short circuit)
Voltage drop: 780 mV nominal (per official product page)
Decoupling: Diode

—— Environmental ——
Operating temperature: -40...+70 ° C
Storage temperature: Not published by manufacturer (not listed in 1606-TD002H redundancy table)
Relative humidity: Not published by manufacturer (not listed in 1606-TD002H)
Protection rating: IP20 (DIN rail, enclosure mount; per official product page)

—— Physical ——
Dimensions (H×W×D): 124 × 32 × 117 mm (Height 124 / Width 32 / Depth 117 mm per official product page)
Weight: 350 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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