Allen-Bradley 1606-XL720E-3

Model: 1606-XL720E-3
Brand: Allen-Bradley
Series: Bulletin 1606-XL

Legacy 1606-XL series switched-mode power supply, 720 W class, three-phase input variant.

—— Hardware ——
DIN rail mount; adjustable DC output; DC OK status; overload/short-circuit protected.

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

—— Electrical ——
Input voltage: AC 340...576 V three-phase nominal (2-phase operation permitted, per official ODVA Rockwell conformance listing)
Output voltage: DC 24 V nominal
Output current: 30 A at 24 V nominal (26 A at 28 V), rated continuous at Tamb 0...60 ° C (per Application Note 1606-AP026A, catalog 1606-XL720E-3)
Rated power: 720 W
Efficiency: up to 92.5% (per PULS OEM counterpart SL30.300)

—— Environmental ——
Operating temperature: -10...+70 ° C (XL series, per official migration document migrat-pp026)
Storage temperature: -25 to +85 ° C (per Application Note 1606-AP026A)
Relative humidity: Not published by manufacturer (legacy XL series; not in current 1606-TD002H)
Protection rating: IP20 (per official Bulletin 1606 switched-mode power supply series standard; DIN-rail open-frame construction)

—— Physical ——
Dimensions (H × W × D): 124 × 240 × 112 mm (converted from W × H × D 240 × 124 × 112 per Application Note 1606-AP026A)
Weight: 2.0 kg (per Application Note 1606-AP026A)

—— Lifecycle ——
Discontinued: official Rockwell lifecycle announcement states discontinued as of April 04, 2018; direct replacement 1606-XLE960DX-3N (Last verified: 2026-10)

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