Allen-Bradley 1606-XL480E-3

Model: 1606-XL480E-3
Brand: Allen-Bradley
Series: Bulletin 1606-XL

Legacy Bulletin 1606-XL switched-mode power supply, 480 W output, three-phase input variant.

—— Hardware ——
Mounting: DIN rail mounting (per 1606-AP023)

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: 3-phase AC 400...480 V (continuous 408...576 V AC, DC 550...820 V; per 1606-AP023)
Output voltage: 24...28 V DC, preset 24 V ±0.5% (per 1606-AP023)
Output current: 20 A at 24 V (480 W) at Tamb 0...60 °C; 25 A at 24 V (600 W boost) at Tamb 0...45 °C (per 1606-AP023)
Rated power: 480 W
Efficiency: typ. 92% at 24 V/20 A (per PULS OEM counterpart SL20.300)
Ripple and noise: <20 mVpp including spikes to 20 MHz (per PULS OEM counterpart SL20.300)
Hold-up time: >11 ms at 24 V/20 A (per PULS OEM counterpart SL20.300)

—— Environmental ——
Operating temperature: 0...+70 °C (derating >60 °C; per 1606-AP023)
Storage temperature: -25...+85 °C (per 1606-AP023)
Relative humidity: Not published by manufacturer (1606-AP023 does not list RH)
Protection rating: IP20 (per official Bulletin 1606 switched-mode power supply series standard; DIN-rail open-frame construction)

—— Physical ——
Dimensions (H×W×D): 124 × 220 × 102 mm (converted from W×H×D 220×124×102 per 1606-AP023)
Weight: 1.8 kg (per 1606-AP023)

—— Lifecycle ——

You can contact us through the following contact information

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

Discontinued: official Rockwell EOL announcement; end of sale 2017-10-30; Direct Replacement listed as 1606-XLS480E-3 (Last verified: 2026-10)

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