



2990000065

Power Supply 100-240VAC/48VDC 2A

Switched-mode power supply, 1-phase, 48 VDC output voltage, 2A current

- ✓ Switched-mode power supply
- ✓ Natural convection cooling when horizontally mounted
- ✓ Enclosed for use in switchgear cabinets
- ✓ Bounce-free switching signal (DC O K)
- ✓ Suitable for both parallel and series operation
- ✓ Electrically isolated output voltage (SELV) per EN 60950-1/UL 60950-1; PELV per EN 60204
- ✓ GL approval

Specifications

INPUT

| | |
|-------------------------------|--|
| Phases | 1 |
| Nominal input voltage | 100 to 240 VAC |
| Input voltage range | 85 to 264 VAC; 120 to 372 VDC |
| Input voltage derating | -2.5 %/V (< 95 VAC) |
| Input current | ≤ 0.97 A (240 VAC); ≤ 1.84 A (100 VAC) |
| Discharge current | ≤ 1 mA |
| Inrush current | ≤ 30 A |
| Power factor correction (PFC) | Passive |
| Mains failure hold-up time | ≥ 80 ms (230 VAC); ≥ 15 ms (100 VAC) |

OUTPUT

| | |
|------------------------|-------------------------------|
| Nominal output voltage | 48 VDC (SELV) |
| Output voltage range | 40 to 53 VDC (adjustable) |
| Factory preset | 48 VDC |
| Nominal output current | 2 A (48 VDC); 2.1 A (< 40 °C) |
| Nominal output power | 96 W |

SIGNALING AND COMMUNICATION

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|----------------------------|---|
| Signaling | 1 x LED DC OK (green); 1 x active signal output DC OK (48 VDC, 10 mA) |
| Operation status indicator | LED green |

EFFICIENCY

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|-----------------|--|
| Power loss | ≤ 1W (230 VAC; no load); ≤ 16.2W (230 VAC; nominal load) |
| Max. power loss | ≤ 19.8W (100 VAC / 48 VDC; 2 A) |
| Efficiency | ≥86% |

FUSE PROTECTION

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|-----------------------------|--|
| Internal fuse | T 4 A / 250 VAC |
| External fuse (required) | External DC fuse required for DC input voltage |
| External fuse (recommended) | Circuit breakers 6 A, 10 A, 16 A, characteristic: B or C an external DC fuse required for DC input voltage |

GENERAL

| | |
|----------------------|-----------------|
| Dimensions (WxHxL) | 52mmx90mmx119mm |
| Weight | 410 g |
| Type of mounting | DIN-35 rail |
| Protection class | II |
| Degree of protection | IP20 |

ENVIRONMENTAL

| | |
|-----------------------|--------------------------------------|
| Operating Temperature | -25 to 70 °C |
| Storage Temperature | -25 to 85 °C |
| Relative humidity | 5-96 % (no condensation permissible) |
| Derating | -3 %/K (> 50 °C) |

STANDARDS

| | |
|--------------------------|--|
| Conformity marking | CE |
| Standards/specifications | EN 60950-1; EN 61204-3; EN 60335-1; UL 60950-1; UL 508; GL |

Used With



FCDC2

Flowire Ethernet Converter - non-PoE This product has been replaced by 1008080310 FCDC3 Flowire Ethernet Converter



FCDC3

Flowire Ethernet Converter - DC Voltage



ICX-510-IA Intelligent Communication Gateway

ICX-510 incl ICX-AlphaCom Core



ICX-510

Server for Zenitel Connect Pro, providing HD voice and video communications