**EN54C-5A17**

# ADDITIONAL POWER SUPPLY UNIT 5A - EN54-4



Power supply unit designed to provide fire protection devices with auxiliary power. Metal casing with keyed lock, in 1 mm thick DC01 sheet steel and with IP30 protection rating. Total available current: 5A. Maximum recommended capacity for battery housing (with connection in series) 2 x 12 V / 18 Ah. Power supply voltage: 230 VAC. Nominal output voltage 22 V - 27.6 VDC (standard operation, no battery). The power supply unit is equipped with 2 outputs with volt-free relays (1A @ 30 VDC or 50 VAC) for the signals required by EN54-4. Equipped with an internal sensor for measuring the temperature of the batteries and a tamper device on the front door. Cable glands supplied. Dimensions (WxHxD): 390 x 406 x 96 mm. Approved to EN 54-4, EN12101-10.

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| MAIN FEATURES | |
|---|---|
| Wall-mounted | Yes |
| Visual signalling | Yes |
| EN regulations | EN54-4 / EN12101-10 |

| HARDWARE SPECIFICATIONS | |
|---|---|
| Height (mm) | 406 |
| Width (mm) | 390 |
| Depth (mm) | 96 |
| IP protection rating | IP30 |
| Type of finishing materials | Metallic |
| Product color | Red |
| Product weight without battery (g) | 4900 |
| Operating temperature (°C) | -5 ÷ 40 |

| ELECTRICAL SPECIFICATIONS | |
|---|---|
| Power supply | 220÷240VAC |
| Frequency (Hz) | 50 (± 10%) |
| Nominal voltage of outputs (VDC) | 24 |
| Output voltage range (VDC) | 20 ÷ 27.6 |
| Maximum current supplied by the power supply | 5A |
| Continuous output current Imax a (A) | 4.2 |
| Maximal resistance of the battery circuit (mΩ) | 300 |
| Maximum battery charge current (A) | 0.8 |
| PSU current consumption during battery-assisted operation (mA) | 55 |
| Low voltage disconnection threshold | <20 VDC |
| No. of fault signaling inputs (n°) | 1 |
| Fault indications | 1 fault relay + 1 network status relay (dry contact) |

The technical specifications are subject to change without prior notice.

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# ADDITIONAL POWER SUPPLY UNIT 5A - EN54-4

| ELECTRICAL SPECIFICATIONS | |
|---|---|
| Capacity of the relay contact | 1A @ 30 VDC / 50 VAC |

| GENERAL DATA | |
|---|---|
| Tamper protection | Yes |
| Temperature probe | Yes |
| Cable glands supplied | Yes |

The technical specifications are subject to change without prior notice.