EN54C-2A17

ADDITIONAL POWER SUPPLY UNIT 2A - 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: 2A. 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)	4100
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	2A
Continuous output current Imax a (A)	1.2
Maximal resistance of the battery circuit (mΩ)	300
Maximum battery charge current (A)	0.8
PSU current consumption during battery-assisted operation (mA)	52
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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ELECTRICAL SPECIFICATIONS	
Capacity of the relay contact	1A @ 30 VDC / 50 VAC

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

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