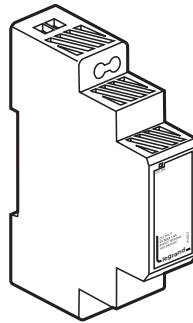


9 VDC - 1.6 A power supply unit

Cat. No(s): 4 130 17



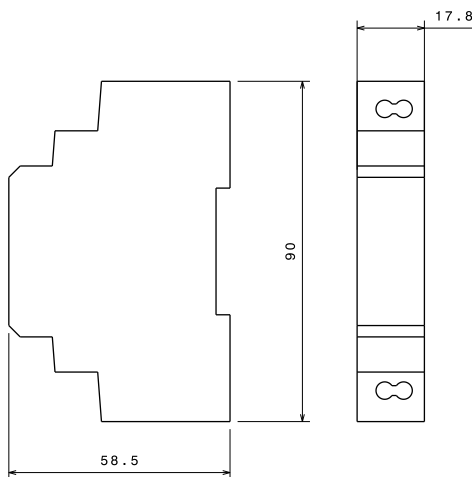
1. PRESENTATION

THE 9 VDC - 1.6 A - 15 W power supply unit can supply up to 2 active products: switch Cat. No. 413010, TV splitters Cat. Nos. 413018/19, automatic Gigabit Triple Play unit Cat. No. 413044 (provide 2 power supply units to power 2 automatic Gigabit Triple Play units).

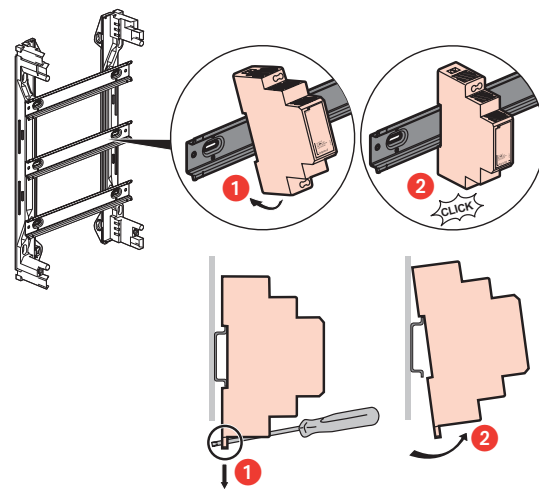
2. SELECTION CHART

Description	Cat. No.	No. of modules	Weight (g)
9 VDC - 1.6 A power supply unit	4 130 17	1	68

3. DIMENSIONS



4. SETUP AND CONNECTION



5. TECHNICAL CHARACTERISTICS

5.1 Electrical characteristics

The power supply must be installed in the distribution board and comply with a ventilation distance of 5 mm on the left and right, 40 mm above and 20 mm below it.

Plastic casing: PC RAL 7035

IP20 - IK04

Tensile resistance on DIN rail: 100 N

Complete universal AC input

Protection against: short circuits/overloads/overvoltages

Air cooling by natural convection

Can be mounted on TS-35/7.5 or 15 DIN rail

Class II insulation

Voltage present LED indicator

Burn-in test at 100% of total load

It is essential that this power supply unit is only used in the context of one of the following combinations of modular active products, or to power a single active product.

Consumption: example of combinations

Product combination	DC current consumption at 9 V	Power consumption at 230 VAC	Cos ϕ
1 switch + 1 TV SAT splitter	0.81	9.2	0.5
1 switch + 1 TV cable splitter	0.77	8.9	0.5

Caution: The triple play unit cannot be powered with another active product using the same 9 V power supply unit.

5.2 Specifications

MODEL	DR-15-9LEG	
OUTPUT	DC voltage Nominal current Current range Nominal power Ripple and noise (max.) Adj. voltage range Voltage tolerance Line setting range Load setting range Settling time Rise time Holding time (typ.)	9 V 1.6 A 0 to 1.6 A 15 W 120 mV peak to peak 8.1 to 9.9 V +/- 1.0% +/- 1.0% +/- 1.0% 1000 ms, 50 ms/230 V AC 1000 ms, 50 ms/115 V AC at full load 70 ms/230 V AC 16 ms/115 V AC at full load
INPUT	Voltage range Frequency range Consumption Output (typ.) AC current (typ.) Inrush current (typ.)	85 to 264 V AC 120 to 370 V DC 47 to 63 Hz 0.5 to 0.25 A 85% 0.88 A/115 V AC 0.48 A/230 V AC 35 A/115 V AC cold 65 A/230 V AC
PROTECTION DEVICES	Overload	110% to 145% of nominal output power Protection type: limitation of the continuous current, automatic recovery following acknowledgement of the failure condition
	Overvoltage	10.3 to 13 V Protection type: output voltage cut-off, locking with Zener diode
ENVIRONMENT	Operating temperature Operating humidity Storage temperature Moisture resistance Temperature coefficient Vibration	-20°C to +50°C 20% to 90% RH without condensation -40°C to +85°C 10% to 95% RH 10 to 500 Hz, 2 G 10 min/1 cycle, period for 60 min. each on the X, Y, Z axes; installation: conforming to IEC 60068-2-6
SAFETY	Safety standards Withstand voltage Insulation resistance	UL62368-1, EN61558-2-16 Input-Output: 3 kV AC Input-Output: 100 MOhms/500 V DC/25°C/ 70% RH
OTHER	Mean time between failures Size	1172.3 K hours min. MIL-HDBK-217F (25°C) 17.8 x 90 x 58.5 mm (W x H x D)
NOTES	<ul style="list-style-type: none"> - Any parameters NOT mentioned specifically are measured at an input voltage of 230 V AC, at nominal power and at an ambient temperature of 25°C - Ripple and noise are measured at a bandwidth of 20 MHz on a 30 cm twisted pair terminated by a 0.1 uf and 47 uf capacitor in parallel - Tolerance: includes the settling tolerance, line setting range and load setting range - The operating range in continuous current mode is between 60% and 100% of the nominal output voltage. Protection from short-circuit hiccups with automatic recovery following acknowledgement of the failure condition. 	

6. COMPLIANCE AND APPROVALS

UL62368-1 : Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements

EN61558-2-16 : Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units