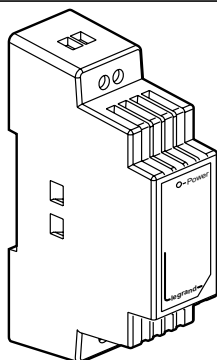


Power supply unit 9 VDC - 1.6 A

Catalogue number(s): 413017



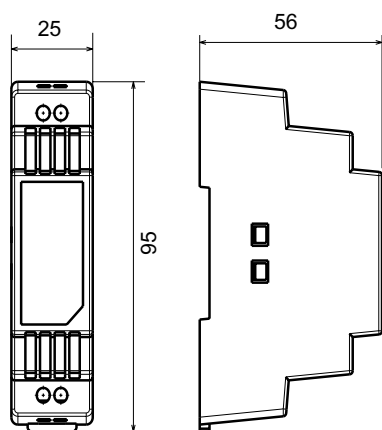
1. INTRODUCTION

The 9 VDC - 1.6 A power supply unit is used to power 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).

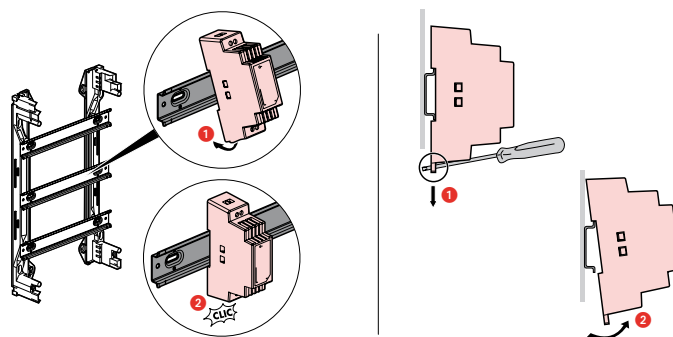
2. SELECTION CHART

Description	Cat. Nos.	No. of modules	Weight (g)
Power supply unit 9 VDC - 1.6 A	413017	1.5	105

3. OVERALL DIMENSIONS



4. SETUP AND CONNECTION



5. TECHNICAL FEATURES

5.1 Electrical features:

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 unit 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 14.4 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 OUTPUT (typ.) AC CURRENT (typ.) INRUSH CURRENT (typ.)	85 to 264 V AC 120 to 370 V DC 47 to 63 Hz 80 % 0.88 A/115 V AC 0.48 A/230 V AC 35 A/115 V AC cold 65 A/230 V AC
PROTECTIONS	OVERLOAD	105 to 160% 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	SERVICE TIME SERVICE HUMIDITY STORING TIME AND HUMIDITY TEMPERATURE COEFFICIENT VIBRATION	- 20 to + 60°C 20 to 90% RH without condensation - 40 to + 85°C, 10 to 95% RH +/- 0.03%/°C (0 to 50°C) 10 to 500 Hz, 2 G 10 min./1 cycle, period for 60 min. each on the X, Y, Z axes; installation: conforms with IEC 60068-2-6
SAFETY	SAFETY STANDARDS WITHSTAND VOLTAGE INSULATION RESISTANCE	Design in accordance with UL60950-1, TÜV EN60950-1, EN50178 Input-Output: 3 kV AC Input-Output: 100 MOhms/500 V DC/25°C/ 70% RH
MISCELLANEOUS	AVERAGE TIME BETWEEN BREAKDOWNS SIZE PACKAGING	1,172.3 K hours min. MIL-HDBK-217F (25°C) 25 x 93 x 56 mm (W x H x D) 0.1 kg; 140 units /15 kg / 0.026 m³
NOTES	- 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 30cm twisted pair finished by a 0.1uf and 47uf 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 hiccup with automatic recovery following acknowledgement of the failure condition.	

5.3 Climatic features

Operating temperature: + 5°C to + 40°C

Storage temperature: - 25°C to + 70°C

6. COMPLIANCE AND APPROVALS

CE

IEC 60950-1, EN60950-1