



APOLLO PLUS

716



Designed & Manufactured
by ELECTRON SA

TECHNICAL SPECIFICATIONS

PORTABLE DIMMER PACKS	APOLLO PLUS	
	716S	716C
CHANNELS	12	12
CHANNEL CAPACITY	3680W	3680W
MAXIMUM CURRENT / CHANNEL	16A	16A
LOAD TYPES	*Incandescent lamps *Iron core transformer for low-voltage *Resistive & inductive loads	
HARD FIRED TRIACS	YES	YES
OUTPUT FILTER	50µs (optional 100µs)	
OUTPUT LED MONITORS	YES	YES
HEAVY DUTY FUSE HOLDERS	YES	-
CIRCUIT BREAKERS	-	YES
ANALOGUE INPUTS	0/ +10VDC	
20VDC OUTPUT FOR EXTERNAL CONTROL DESK	YES	YES
BUILD-IN SLIDERS+ MASTER	-	YES
DMX 512 INPUT	YES	YES
INDICATION OF DMX "FAULT" STATUS	YES	YES
PROGRAMMABLE START ADDRESS	YES	YES
DMX-512 SIGNAL BUFFER	YES	YES
TERMINATION SWITCH	YES	YES
HOLDING OF LAST DMX VALUE	YES	YES
PROGRAMMABLE BEHAVIOR ON DMX SIGNAL INTERRUPTION	YES	YES
5 -DIGIT NUMERIC DISPLAY	YES	YES
4-BUTTON KEYPAD, 2 OF WHICH CAN BE PROGRAMMED BY THE USER AS FUNCTION KEYS	YES	YES
MENU DRIVEN SOFTWARE	YES	YES
PASSWORD FOR SETTINGS PROTECTION	YES	YES
LAWS	LINEAR, HALOGEN, AND FLUORESCENT	
SELECTABLE SWITCHED OUTPUT	YES	YES
PROGRAMMABLE PREHEAT LEVEL PER CHANNEL	YES	YES
PROGRAMMABLE PERCENTAGE OF OUTPUT VOLTAGE PER CHANNEL	YES	YES
PROGRAMMABLE SOFT TURN-ON PER CHANNEL	YES	YES
CHANNEL LEVEL CONTROL	DIGITAL	SLIDERS
24 PROGRAMMABLE MEMORIES	YES	YES
12 PROGRAMMABLE CHASERS	YES	YES
12 FACTORY- SET CHASERS	YES	YES
60- STEP LOOP FUNCTION	YES	YES
MEMORY OR CHASE ASSIGNMENT OF SLIDERS	-	YES
DIAGNOSTIC TESTS	YES	YES
WATCHDOG TIMER	YES	YES
DC SPEED CONTROLLED, FAN ASSISTED CONVECTION COOLING	YES	YES
HIGH TEMPERATURE DETECTION	YES	YES
AUTO POWER HANDLING AT HIGH TEMPERATURE CONDITION	YES	YES
POWER FAILURE AND POWER OFF MODES AT LOW POWER SUPPLY VOLTAGE	YES	YES
DISABLED OUTPUT ON POWER SUPPLY OVERVOLTAGE	YES	YES
RACK MOUNTING	YES	YES
WALL MOUNTING	-	-
TRUSS MOUNTING	YES	YES
HEAVY DUTY HANDLE	YES	YES
230/400V-3/N/PE/50Hz,3 PHASE STAR CONNECTION	YES	YES
230V 3/PE/50Hz,3 PHASE DELTA CONNECTION	Optional	Optional
DIMENSIONS (WxHxD) IN MM	432 x 222 x 400	

FEATURES OF APOLLO PLUS SERIES

- Suitable to control incandescent lamps, iron core transformers for low voltage incandescent lamps, resistive and inductive loads.
- Hard firing to ensure proper triggering.
- High quality output filters with rise time up to 100µs.
- Output led monitors.
- Heavy duty fuse holders for **S** models and circuit breakers for **C** models.
- DMX 512 in/out (XLR 5pin connectors).
- Indication of DMX "Fault" status.
- Programmable start address.
- DMX signal buffer.
- Termination switch.
- Holding of last DMX value.
- Programmable behaviour on DMX signal interruption.
- Five- digit numeric display.
- Four- button keypad, two of which can be programmed by the user as function keys.
- Menu driven software.
- Password for settings protection.
- Three laws selected by the user (Linear, Halogen and Fluorescent).
- Selectable switched output (non dim).
- Programmable preheat level per channel.
- Programmable percentage of output voltage per channel.
- Programmable soft turn-on per channel.
- Analogue control inputs 0/+10V (9 pin D-sub male connector).
- 20VDC output for supplying external analogue control desk.
- Models **C** are supplied with channel sliders + master.
- Twenty four programmable memories.
- Twelve programmable chasers.
- Twelve factory-set chasers.
- Memory or Chaser assignment of sliders (Models **C** only).
- Watchdog timer.
- Silent operation DC speed controlled, fan assisted convection cooling.
- Overheating detection.
- Auto power handling at high temperature condition.
- Power Failure and Power Off modes on low power supply voltage.
- Disabled output on power supply overvoltage.
- Heavy duty handle.
- Truss mounting.
- Rack mounting.
- Wall mounting for Apollo Plus models 610-616 only.
- Start up diagnostic tests: Microcontrollers selftest, Memories test, Fan test.
- Diagnostic tests of sliders and pushbuttons.
- 60-step Loop Function.

*Delta version dimmers available upon request.



REAR SIDE OF APOLLO PLUS

