Control4® 48V Bus Power Supply

Control4 48V Bus Power Supply (C4-DIN-BPS48)

The Control4 48V Bus Power Supply provides power for the Configurable Wired Keypads (C4-KCB, C4-SKCB, and C4-SKCB2), the Bus Ethernet Gateway (C4-DIN-BEG), and the Dry Contact Input Module (C4-DCIM). It can also be used to power the Wireless Configurable Keypads (C4-KC120/277, C4-KC240, and C4-SKC) in a mixed wired/wireless keypad installation. This product is used in conjunction with the Control4 Bus Ethernet Gateway (C4-DIN-BEG) to allow keypads on the RS-485 bus to communicate with a Control4 controller and the Centralized Lighting system.

- 110V to 277V line input for power.
- LED for power status.
- Mounts in the Control4 5-slot or 2-Slot Panel or in any standard DIN-rail panel with 35 mm rails.
- Occupies 1/2 slot in a Control4 panel.
- See the *Keypad Bus Wiring Guide* (**ctrl4.co/buswiring**) for details on maximum number of keypads per power supply.

Model number	C4-DIN-BPS48
Power input	100-277VAC/1.25A
Power consumption	75W, 120V/1.0A; 240V/0.6A; 277V/0.52A
Connectors	
One RS-485 pluggable terminal block	36 AWG to 14 AWG (0.14 mm^2 – 1.5 mm^2) per terminal
One line voltage screw terminal (Line, Neutral, Ground)	One 26 AWG to 12 AWG (0.12 mm^2 – 4 mm^2) per terminal
Environmental	
Operational temperature	32˚F ~ 104˚F (0˚C ~ 40˚C)
Storage	-4˚F ~ 158˚F (-20˚C ~ 70˚C)
Heat dissipation	151 BTU/hr @120VAC
Humidity	5% to 95% non-condensing
Dimensions	
Dimensions (H×W×D)	4.23 × 4.48 × 2.32 in. (107.5 × 113.9 × 59 mm)
DIN module width	6M
Weight	1.3 lbs. (0.589 kg)
Shipping weight	1.7 lbs. (0.770 kg)

MOST RECENT VERSION

ctrl4.co/48vbus-ds

48V BUS WIRING GUIDE

ctrl4.co/buswiring