

PBCU-EB: PUSH BUTTON CONTROL UNIT EXTERNAL BOX

Front Side View



Back Side View



The Push Button Control Unit External Box (PBCU-EB) is a shelf mount insert enclosure for the Push Button Control Unit. It is used in situations where there are no available card slots in the traffic control cabinet. A PBCU-EB and PBCU, when used together, are a replacement for Polara's standalone LPBCU.

Connections to field wiring and traffic controller wiring are made to terminal blocks at the back of the unit. Terminal screws on each PBCU-EB include washers (clamping plates) intended for bare wire. Crimp Terminals are not recommended.

A PBCU-EB only makes mechanical wiring connections, it does not contain any electronics or other functions.

See the PBCU Installation and Operation Manual for details about the PBCU.

The PBCU-EB is specific for use with a PBCU and is not intended, approved, or authorized for use with any other plug-in card.

Physical Characteristics

Dimensions (approx.)	6.1"H x 3.3"W x 7.8"D
Enclosure Material	Anodized Aluminum
AC Power Input Cable	1 ft. 16 AWG with 3 conductor male AC plug
AC Power Input Cable Extension	7 ft. 16 AWG with 3 conductor female AC plug, with the last 3" of outer jacket removed

Environmental Characteristics

Operating Temperature	-34°C (-30°F) to +74°C (+165°F)
Operating Humidity	0% RH to 95%RH, non-Condensing
Storage Temperature	-45°C (-50°F) to +85°C (+185°F)

Electrical Characteristics

AC Power Input	115 VAC Nominal, range 89-135
DC Power Input	24 VDC Nominal, range 20-28
Power Rating	15 Watts Maximum

JW