

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

PDRYCB400

Universal Dry Contact with Economizer Interface



Electrical:

Power Supply 12 VDC (from indoor unit)

Surrounding Conditions:

Operating Temperature 14 - 158°F

Storage Temperature -4-176°F

Humidity 0-98% (non-condensing)

Unit Data:

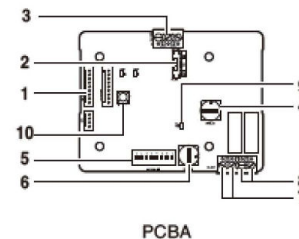
Dimensions 4-1/8" W x 3-1/16" H x 1-3/8"D

Contact Rating 3A @ 125 VAC

Connectivity:

LG Communications 30" Wiring Harness (included)

Description:



PCBA

Universal Dry Contact

Indoor Unit Operation Features:

(Each feature is individually selectable)

- Fixed setpoint operation 64.4 – 86°F in 1.8°F increments
- Power Saver
- On/Off
- Remote Lock/Unlock
- Compressor Stop
- Cool/Heat
- Fan Low/High
- Economizer
- Occupied/Unoccupied

Notes:

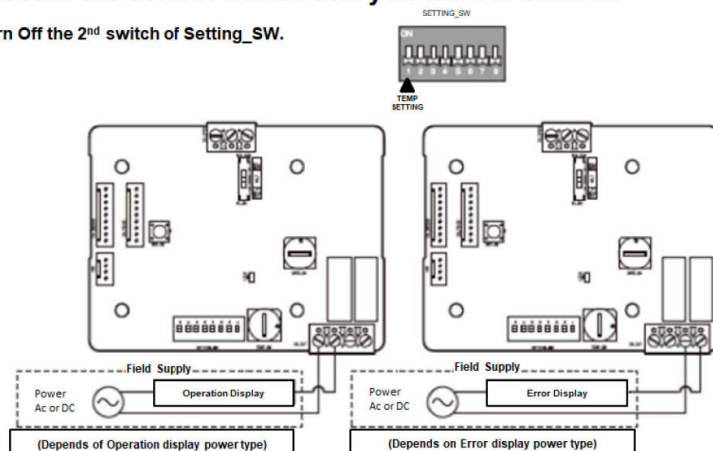
- 1.Contact your LG Sales Representative for a list of compatible indoor units.
- 2.Must follow installation instructions in the applicable LG installation manual.
- 3.Unit status and error status are not available when using the economizer.
- 4.See applicable installation manual for additional details.

1. CN_INDOOR :Connect communication wire between indoor unit and power supply to Universal Dry Contact
2. VS_SW :Switch to select voltage (5V-12V) of contact point
3. CN_OPER :Contact point signal input
4. OPER_SW :Switch to select the control mode
5. SETTING_SW :Switch to select whether to use set function of Universal Dry Contact
6. TEMP_SW :Switch to set the desired temperature of the indoor unit
7. CN_OUT (O1,O2) :Connector to show whether the indoor unit is operating
8. CN_OUT (E1,E2) :Connector to show whether there is an error with the indoor unit
9. LD01 :LED to display the status of the Universal Dry Contact
10. RST_SW :Reset switch

Wiring:

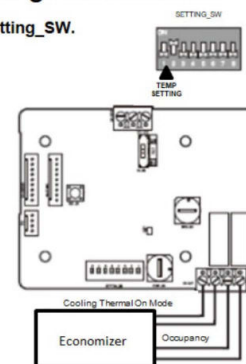
Monitoring operation and error status : Refer to below and connect to the control device that you want to control.

1) Turn Off the 2nd switch of Setting_SW.



Cooling, Thermal On Mode and Occupancy output : This relay output is for interlocking with economizer.

1) Turn On the 2nd switch of Setting_SW.



● When indoor unit is operating as Cooling Thermal On Mode Relay output is closed.