

# Cordex™ 8R/8D ADIO

CXC Smart Peripheral



*Your Power Solutions Partner*

- Provides additional I/O expansion to existing CXC controllers
- Seamless expansion adds eight relay outputs and eight digital inputs
- Flexible 1RU rack mounting and wall mount system integration options
- Ideal for monitoring and controlling supplemental equipment such as HVAC and generators
- Enables site monitoring capabilities simplifying deployments and saving CAPEX costs



**The 8R/8D ADIO is part of the Cordex series of smart peripherals for expanding capabilities of standard CXC controllers in Alpha DC power systems.** The 8R/8D adds an additional eight relay alarm output and eight digital input to an existing CXC controller. These additional relays and inputs are configurable via standard CXC configuration screens.

The compact board may be equipped into a standard CXC peripheral rack mount and wall mount shelves. It is also available as a stand alone board for custom integration into outdoor enclosures and other installation areas with limited space. The ADIO board is compatible with any 12V, 24V or 48V Cordex system and interfaces via standard CAN communication interface. The CXC controller may be expanded to a maximum of 16 relays total and 28 digital inputs total.

The 8R/8D ADIO is an ideal and cost effective solution for expanding Cordex I/O capabilities. The board may be integrated into factory configured systems, as well as ordered for field upgrades of existing systems as future site monitoring requirements change.

# Power

# Cordex™ 8R/8D ADIO CXC Smart Peripheral

Part Number: 0180002

## ELECTRICAL

### Power supply:

Voltage: .....9V to 60Vdc  
 Current: .....500mA  
 Power: .....5W

### Digital inputs:

Inactive voltage: .....-1.5 to 1.5V  
 Active voltage: .....± (5 to 60V)

### Relay outputs:

Voltage: .....Up to 60V  
 Current: .....500mA

## USER INTERFACE

### Status indication:

LED's: .....Power on (green)  
 .....Module acquired (green)

### Connections:

Power supply: .....Terminal block (#14 to 22AWG)  
 Digital input: .....Terminal block (#14 to 22AWG)  
 Relay output: .....Terminal block (#14 to 22AWG)  
 CAN In/Out: .....RJ12 offset connector

## ENVIRONMENTAL

### Operating:

Temperature: .....-40 to 75°C (-40 to 167°F)  
 Humidity: .....0 to 95% non-condensing

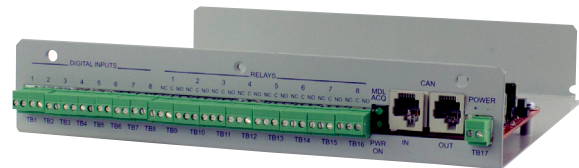
## RELATED COMPONENTS

Rack mount shelf: .....030-734-20

## AGENCY COMPLIANCE

Unit is designed to meet the following standards

Safety: .....CSA C22.2 No 60950-1-03  
 CE marked



8R/8D ADIO

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