

# Cordex™ 400W

24Vdc Modular Rectifier Shelf Systems

alpha®



- Single shelf modular rectifier solution provides multiple 24V configurations up to 70A for various 24Vdc applications
- Convection cooled design for high reliability in harsh industrial environments
- Wide range AC input for multiple worldwide AC services
- Integrated system capability with shelf controller and DC distribution



**Alpha's Cordex series includes a complete range of modular 400W rectifier shelf systems to meet the needs of worldwide communications applications.**

Cordex 400W modular systems range from a 2kW bulk power 19" shelf with CXCI HP to a 1.6kW fully integrated 19" shelf power system CXCI HP controller and distribution module.

Alpha Cordex 400W rectifier modules feature complete hot-swappability, high efficiency with power factor correction, unique power limiting capability, and wide range input. Convection cooling and an ultra compact design also make Cordex CXS shelf systems ideal for the communications industry.

Power

## Cordex™ 400W 24Vdc Modular Rectifier Shelf Systems

### CORDEX 24-400W RECTIFIER SHELVES

#### > 19/23" Shelf Systems



#### P/N 030-763-20-XXX

Cordex 1.6kW shelf power system with CXCI HP controller & (4) AM bullet breaker distribution



#### P/N 030-773-20-XXX

Cordex 2kW bulk power system with CXCI HP controller

### ENVIRONMENTAL

#### Temperature:

Standard: .....-40 to 50°C (-40 to 122°F)

Storage: .....-40 to 85°C (-40 to 185°F)

**Humidity:** .....0 to 95% RH non-condensing

**Elevation:** .....-500 to 3000m (-1640 to 9840ft)

**Cooling:** .....Natural convection, vertical airflow

### FEATURES

#### > 19" Flush Mount 2RU

P/N: .....030-763-20

Rectifiers: .....4 x CXRC 24-400W

Controller: .....1 x CXCI HP

Distribution: .....Bullet type breakers

#### > 19" Flush Mount 2RU

P/N: .....030-773-20

Rectifiers: .....5 x CXRC 24-400W

Controller: .....1 x CXCI HP

Distribution: .....Bulk power for external distribution panel

#### Communication Ports

CAN: .....Interface to control rectifiers.

Smart peripherals

Ethernet: .....10/100 Base-T for TCIP/SNMP features

### MECHANICAL

#### 19" & 19/23" Dimensions:

mm: .....89H x 442W x 307D

inches: .....3.5H x 17.4W x 12.1D

**Weight:** .....6.9kg (15.5lb)

### RELATED COMPONENTS

747-028-20-071: .....6ft 3/8" Lug temp sensor

747-082-20-071: .....6ft 1/4" Lug temp sensor

010-582-20-040: .....Cordex 400W 24Vdc rectifier

613-465-W3: .....Cordex 400W blank

030-770-20-440: .....Cordex Controller CXCI HP



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