

Power

Cordex™ 400W

24Vdc Modular Rectifier Shelf Systems



Cordex 1.6kW Shelf Power System

- › 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 to a 1.6kW fully integrated 19" shelf power system CXCI 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.

Cordex™ 400W 24Vdc Modular Rectifier Shelf Systems

Cordex 24-400W Rectifier Shelves

> 19/23" Shelf Systems



P/N 030-763-20

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



P/N 030-773-20

Cordex 2kW bulk power system with CXCI controller with CXCI 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 or forced convection, vertical airflow

Features

> 19" Flush Mount 2RU

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

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

Controller:.....1 x CXCI

Distribution:.....Bullet type breakers

> 19" Flush Mount 2RU

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

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

Controller:.....1 x CXCI

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 435W x 302D

inches:.....3.5H x 17.1W x 11.9D

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

Note:

Shelf P/Ns DO NOT include modules or distribution breakers.

Weights DO NOT include modules.

Dimensions do not include mounting bracket.

See Cordex datasheets for details on system equipment:

Cordex Rectifier CXRC 400W #048-658-10

Cordex Controller CXC #048-631-10