

Accessories for Customer Premises/Central Offices



**EAC-830 Converter**

The EAC-830 is a rack mounted AC to DC converter that can power a full chassis of WorldDSL HDSL modems when DC power is not available. The EAC-830 will provide up to 150W of power continuously at temperatures up to 50°C. Fans are not required so the unit is suitable for office environments. The EAC-830 features a built-in alarm which provides an output whenever the DC power falls more than 3% below a nominal -48VDC. Two EAC-830's may be used for power redundancy with one attached to the EMS-830 or 832 A power bus and the second attached to the B power bus.

**ECA-80x Connector Adapters**

ADC offers a line of connector adapters to provide needed data port connectors as well as offering conversion of the method of attaching HDSL or E1 lines to either the EMS-830 or 832 chassis, any of the ERE-811 enclosures or any ETU.

**Ordering Information**

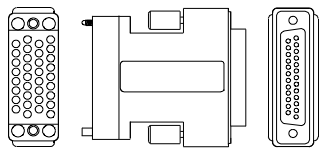
Catalog No.	Part No.	Description
EAC-830*	150-1483-01*	150W AC to DC Converter that can power an EMS-830 or EMS-832 chassis in areas where DC power is not available.
ECA-800, L1	150-1470-01	DB25M to M34F V.35 adapter
ECA-801, L2	150-1471-02	DB25M to DB15F X.21 adapter
ECA-802, L1	150-1472-01	DB9M to RJ45F HDSL adapter
ECA-803, L1	150-1473-01	50 pin telco male to wire wrap adapter
ECA-804, L1	150-1474-01	DB9M to screw terminals HDSL adapter
ECA-806, L1	150-1476-01	DB15M to RJ45 120 Ω E1 adapter
ECA-807, L1	150-1477-01	DB25M to DB37F RS-449 adapter

\*Note: Effective 1 January 2001, if a CE mark is required, change the Catalog No. to "EAC-830C" and the Part No. to "150-1483-11".

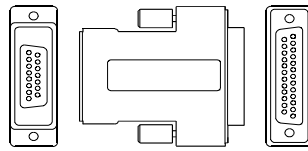
## EAC-830 Specifications

<b>Inputs</b>	Input Voltage Ranges: 90 to 132VAC and 180 to 264VAC, 47 to 63 Hz Input Voltage Range Adjustment: autosensing
<b>Output</b>	Voltage: -48VDC Minimum Load: one WorldDSL HDSL modem or Management Card Maximum Load: 150 watts Line Regulation: $\pm 0.2\%$ Load Regulation: $\pm 2.0\%$ Connector: terminal strip, -48VDC and return
<b>Alarm</b>	Type: Form C relay Connector: terminal strip, normally open, normally closed, common Activation: whenever -48VDC output is more than 3% low
<b>Controls</b>	Power On/Off: front panel rocker switch Power Indicator: LED driven from 48VDC Circuit Breaker: 4A, front panel mounted
<b>Physical</b>	Size (HxWxD): 89 x 432 x 251 mm Weight: 2.85 Kg Mounting: standard 19 inch equipment rack
<b>Environmental</b>	Operating Temperature: -5°C to +50°C Storage Temperature: -40°C to +85°C Humidity: up to 95% RH non-condensing
<b>Regulatory</b>	CE Marked Safety: EN60950 Emissions and Immunity: EN55022, EN-50081-1, EN-50082-1 (prior to 1 January 2001) EN 300386-2 (after 1 January 2001)

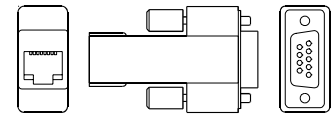
## ECA-80x Adapters:



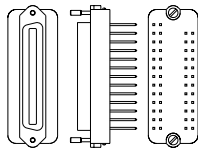
ECA-800, L1 - DB25M to M34F



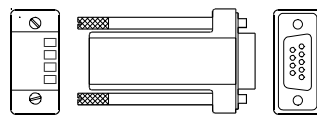
ECA-801, L2 - DB25M to DB15F



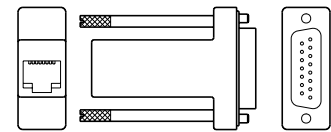
ECA-802, L1 - BD9M to RJ45F



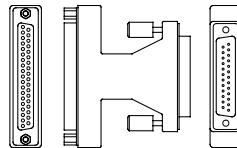
ECA-803, L1 - 50-pin telco M to wire wrap



ECA-804, L1 - DB9M to Screw Terminal



ECA-806, L1 - DB15M to RJ45



ECA-807, L1 - DB25M to DB37F



## Web Site: [www.adc.com](http://www.adc.com)

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For a complete listing of ADC's global sales office locations, please refer to our web site.

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