

# REMOTE POWER CHASSIS



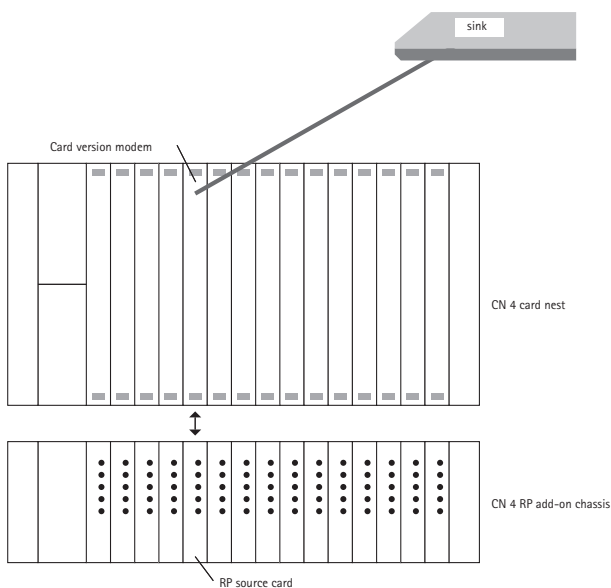
> THE CN4 RP ADD-ON CHASSIS IS DESIGNED TO SUPPLY REMOTE POWER FEEDING FOR HDSL AND SHDSL REPEATERS OR CPE (CUSTOMER PREMISES EQUIPMENT).

The unit can also be used for delivering wetting current for the copper pairs. It is used in combination with the CN4 central office solution. The modular CN4 RP add-on chassis can accept up to 15 remote power source cards with power feeding for up to 4 line pairs.

There is a one to one mapping between a remote power source card and a modem card installed in the CN4 card nest. The CN4 RP add-on chassis is powered at -48Vdc. Optionally Telindus can provide an external 230Vac to -48Vdc power converter.

#### SALES CODES

- > 157056 RP add-on chassis CN4
- > 157058 RP source module 4 lines



## FEATURES & BENEFITS

- > ADDS REMOTE POWER FEEDING CAPABILITY TO THE CN4 CARD NEST
- > COMPLIANT TO HIGH REQUIREMENTS CONCERNING SAFETY, ROBUSTNESS, FLEXIBILITY AND EMC
- > REMOTE POWER FEEDING FOR UP TO 60 LINE PAIRS
- > FITS IN A STANDARD 19 INCH RACK
- > INTEGRATED NETWORK MAINTENANCE AND MANAGEMENT CAPABILITIES

## CN4 RP ADD-ON CHASSIS

### MECHANICAL DATA (H X D X W)

- > 135(3U) x 230 x 445 mm Weight: 2.8 kg
- > Number of remote power slots: 15

### POWER REQUIREMENTS

- > 36-72 Vdc, 3A max

## REMOTE POWER SOURCE CARDS

### ELECTRICAL CHARACTERISTICS

- > Maximum remote power voltage: 120 Vdc (100 Vdc for UK units)
- > Maximum remote power current: 60 mA
- > Wetting current: 10 mA
- > Number of power feeds per card: 4

### HARDWARE CONFIGURATION:

- > Selection between remote powering and wetting current per card
- > Activation/deactivation per line pair
- > Selection of symmetrical or floating power per line pair

### SOFTWARE CONFIGURATION

- > Enabling or disabling of remote power feeding or wetting current per line pair

### FRONT PANEL INDICATORS

- > CTRL: Remote power source card management
- > L1..L4: Remote power/wetting current condition per line pair

### NETWORK MANAGEMENT ALARMS

- > Remote power overcurrent
- > No current
- > Communication fail
- > Manually disabled

### MECHANICAL DATA (H X D X W)

- 100 x 200 x 21 mm Weight: 0.2 kg

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