PATTON Electronics Co.

SmartNode Series
PMC

Hardware Reference Note

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1.0 Internal 48V Power Supply Unit for SN2300

Item	Part Number	Description
PM-48V-Int	SN-PM-48V-INT	48 VDC power module for ISDN and analog lines, internal mounting in an SN2300 with IC-4BRV or IC-4FXS. For the IC-4BRV it is an option to power the ISDN phones. For the IC-4FXS, it is required to power analog phones. Input 110–240 VAC; Output 48 VDC, 30W.

1.1 Instructions

See *Getting Started Guide*, chapter 8, "Line power module installation."

2.0 Internal 40V Power Supply Unit for SN2400

Item	Part Number	Description
PM-40V-Int	SN-PM-40V-INT	40 VDC power module for ISDN and analog lines, internal mounting in an SN2400 with IC-4BRV or IC-4FXS. For the IC-4BRV it is an option to power the ISDN phones. For the IIC-4FXS, it is required to power analog phones. Input 110–240 VAC; Output 48 VDC, 30W.

2.1 Instructions

See *Getting Started Guide*, chapter 8, "Line power module installation."

3.0 External 40V Power Supply Unit for SN1200 and SN1400

Item	Part Number	Description
PM-BRI-Ext (230V)	SN-PM-BRI-EXT/EUR	40 VDC power line module for ISDN and analog power line; external mounting. For SN1200 and SN1400. Input 230 VAC; Output 40 VDC, EU/Swiss connector.
PM-BRI-Ext (120V)	SN-PM-BRI-EXT	40 VDC power line module for ISDN and analog power line; external mounting. For SN1200 and SN1400. Input 120 VAC; Output 40 VDC, US connector.

3.1 Instructions

See *Getting Started Guide*, chapter 8, "Line power module installation."

4.0 Interface Cards

Item	Part Number	Description
IC-E1V	SN-ICE1V	PMC interface card for mounting in the SN2300 or SN2400 expansion slots providing one PRI E1 port to support 30 VoIP calls.
IC-T1V	SN-ICT1V	PMC interface card for mounting in the SN2300 or SN2400 expansion slots providing one PRI T1 port to support 23 VoIP calls.
IC-4BRV	SN-IC4BRV	PMC interface card for mounting in SN2300 or SN2400 expansion slots providing four BRI/S0 ISDN ports to support 8 VoIP calls. Internal Line Power Module PM-48V-Int (SN2300), PM-40V-Int (SN2400), or external power supply PM-BRI-Ext can be used as an option to power ISDN phones.
IC-4FXS	SN-4FXS	PMC interface card for mounting in SN2300 or SN2400 expansion slots providing four analog phone ports and eight DSP channels. Requires Internal Line Power Module PM-48V-Int (SN2300) or PM-40V-Int (SN2400).
IC-4BRV-8VR	SN-IC4BRV-8VR	PMC that is an 8-channel gateway interface card for ISDN BRI/S0 with hardware bypass (emergency) relay. For use in the SN2000 series expansion slots.
IC-E1V-0	SN-ICE1V-0	PMC that is an E1 gateway interface card for ISDN PRI-circuit switching only. For use in SN2000 series expansion slots. NT/TE configurable.
IC-E1V-15	SN-ICE1V-15	PMC that is a 15-channel gateway interface card with one ISDN PRI/S2m port. NT/TE configurable. Supports these voice codecs (G.711, G.726, G.723, G.729ab). For use in SN2000 series expansion slots.

4.1 Instructions

In the *SmartNode 1000 and 2000 Series VoIP Media Gateways Getting Started Guide*, see the section "Interface cards descriptions" in chapter 1. Also consult chapter 9 for the installation of the card.