zenitel

DATASHEET



2220015007

NV-PL-048-F

48 port IP over two-wire switch

- Upgrade to IP with re-using existing single-pair cabling
- 10Mbps symmetrical and PoE over single-pair cable
- Up to 365 m between switch and endpoint
- Robust power management capabilities

Description

The NV-PL-048-F is a managed switch that represents an ideal solution for upgrading to an IP-based system or to extend the reach of any IP network. Combined with the NV-PLLK adapter the switch delivers Ethernet and PoE over a single-pair UTP cable with up to 365 m reach.

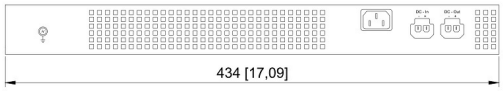
Technical Dimensions

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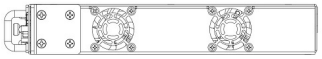
REAR VIEW



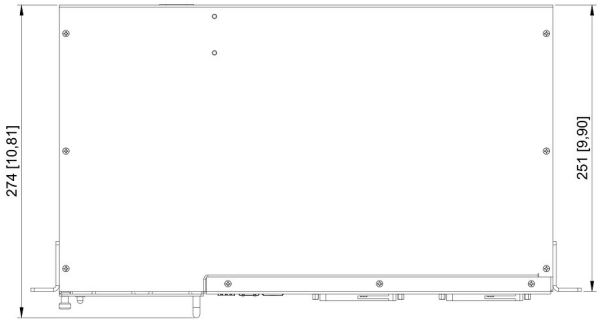
LEFT SIDE VIEW



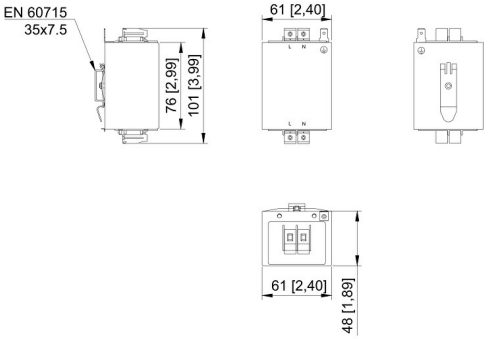
RIGHT SIDE VIEW



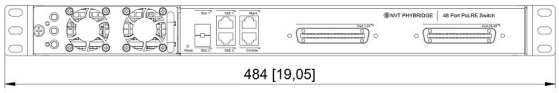
TOP VIEW



FILTER



FRONT VIEW



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Specifications

DIMENSIONS	**19 INCHES X 1HU, 252 X 435 X 44,5 MM**
Weight	3,6 kg
Operating temperature	0 - 55 °C
Power supply	Unit auto-sensing 100-240VAC, 50/60 Hz Power output: 500W max at 100VAC, 1000W max at 240VAC
Power Injection (PoE)	DC voltage: 48VDC-56VDC; Endpoint devices must be compliant with IEEE 802.3af
Power consumption	40W (switch only)
Interface: Ethernet Uplink (Trunk IP)	Maximum 2 uplinks, each 1Gb/s (full duplex), either: 2 mini-GBIC ports: 1000 Base-TX/SX/LX/EX/ZX/LHX (determined by SFP, transceiver module installed), Ethernet IEEE 802.3z, fiber optic cable, or 2 RJ45 ports: 10/100/1000 Base-T auto-sensing, independent speed selection, Ethernet IEEE 802.3, CAT5e copper cable
Interface: Downlink (PoE and IP to Adapter)	2 x RJ21 male telco connector (standard), 24 pairs used. Distance: 1200ft (365m) over CAT3 UTP cable, 24 AWG. Speed: 10 Mbps (full duplex) Power: 22 Watts
	1 LAN port (MGMT):

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Management	RJ45, 10/100 Base-T auto-sensing, IEEE 802.3 1 UART console port: RJ45 to DB9 cable

PRODUCT VARIANTS

2220015007	NV-PL-048-F 48 port IP over two-wire switch, incl. net filter
2220015002	NV-PL-048 48 port IP over two-wire switch, for ICX-CAB-IP2W

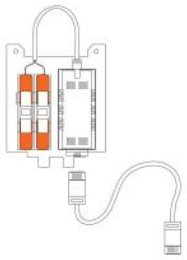
Accessories



NV-PLLK-6 UTP Adapter for PoLRE switch

UTP adapter

Item Number: 2220015004



TFIE-NV-PLLK

Kit for NV-PLLK adapter in TFIE stations

Item Number: 1021010031

Used With

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ICX-500

Intelligent Communication
Gateway with HD Voice

Item Number: 1002000100

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