

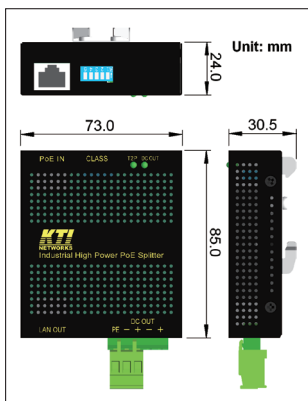


KPW-T2P25 Ver.C

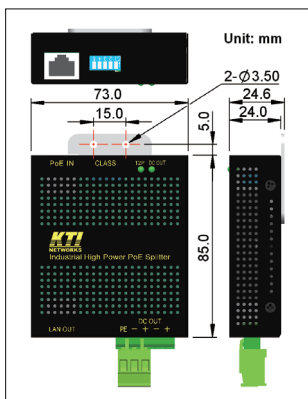


Industrial IEEE 802.3at High Power PoE Splitters

Din-rail Mount Dimension



Panel & Wall Mount Dimension



KTI Network's KPW-T2P25 Ver.C is a high power PoE splitter which integrates Power over Ethernet (PoE) technology to PoE incapable network device by just using a single Cat.5 cable for both power and data transaction. The equipments such as Wireless Router, AP, Network Camera, Print server, and Media converter which connect to the PoE splitter, all devices become PoE enabled to eliminate the need of power outlets as well as cable installation and expense.

The splitter is equipped with DIP SW that allows user to select one from five different classes for demanding power from a remote PoE switched port or mid-span injector. This feature supports efficient power management at the advanced PSE side. It supports Type 1 PSE for power up to 13 Watts min. and Type 2 PSE for power up to 30 Watts. For industrial applications, the splitter is also equipped with optional brackets for Din-Rail mounting and panel mounting. To enhance application safety, the splitter is featured short-circuit protection, low voltage lock out, inrush current limit and thermal protection.

For easier, cost-effective PoE network installation, the PoE splitter is your best solution to protect original investment.

Key Features:

- Enable PoE incapable network device with PoE capability
- IEEE 802.3at and 802.3af compliance
- Support 10BASE-T, 100BASE-TX, and 1000BASE-T
- Support Alternative A or Alternative B PoE input over Cat.5
- Provide a power class selection DIP for demanding power from PSE
- Support Type 1 PSE classification and Type 2 PSE 2-event classification
- Regulated DC power output with three optional voltages
- Flexible mounting support, light weight and compact

Specifications:

Standard	IEEE 802.3 10BASE-T, 100BASE-TX, 1000BASE-T
PoE In Jack	Shielded RJ-45 10BASE-T, 100BASE-TX, 1000BASE-T support Power pins - Pin1/2/3/6 and Pin4/5/7/8 (support both) LAN cable - Cat.5 or better
PoE Standard	IEEE 802.3af Type 1, IEEE 802.3at Type 2
PoE Power Class	Type 1 Class 0 ~ Class 3, Type 2 Class 4 (DIP SW selectable)
PoE Input Voltage	Class 0~3: 36 ~ 57VDC (PSE Type 1 output) Class 4: 42.5 ~ 57VDC (PSE Type 2 output)
LAN Out Jack	Shielded RJ-45 10BASE-T, 100BASE-TX, 1000BASE-T std. LAN cable - Cat.5 or better



Related PoE Products:

KPOE-100
IEEE 802.3af mid-span injector

KPOE-100P
IEEE 802.3at PSE High Power
Mid-span Injector

KSD-541-HP
Industrial 5-Port
Fast Ethernet Switches with
1 SFP Slot and 4 PoE+ PSE Ports

KGS-1060 HP
Industrial Managed 10-Port L2
Gigabit Ethernet Switches with
2 Dual-speed SFP Slots and
4 PoE+ PSE Ports

KGS-1064-HP
Industrial Managed 10-Port L2
Gigabit Ethernet PoE+ Switches
with 2 Dual-speed SFP Slots

KGS-2461
Industrial Managed 24-Port
L2/L3 Gigabit Ethernet Switches
with PoE+ Features

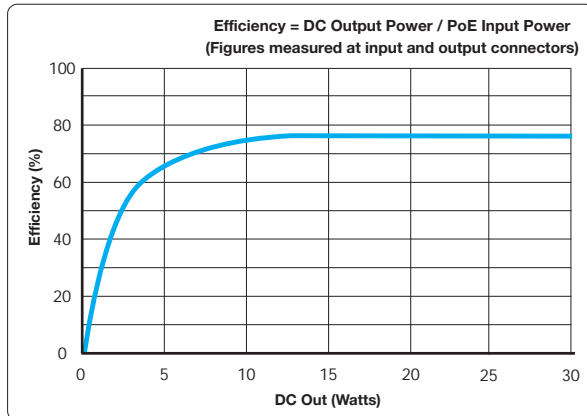
KGC-261-DP
Industrial Media Converters with
PoE++ PSE Support

DC Power Output

5P Terminal block - PE (protective earth), DC+/DC-, DC+/DC-
Output voltage: 12V
Power wires: 12 ~ 22 AWG (1 meter max.)

PSE Type	PoE Input Range* (W)	DC Power Output (W)
1	12.95 ~ 15.4	9 min.
2	25.5 ~ 34	20 min.

*The range means the possible maximum power received by the splitter. It depends on the power capability delivered by PSE and the connection length between the PSE and splitter.



LED Display	Type 2 PoE input status, DC Power output status
DIP SW	Power class selection for PSE classification
Housing	Enclosed metal with no fan
Dimension	73 x 24 x 85 mm (WxDxH)
Accessory	TB-to-DC plug cable
Mounting Support	DIN-Rail, Panel mounting (Optional)
Temperature	Operating Temperature: -30°C ~ 70°C Storage Temperature: -30°C ~ 85°C Relative Humidity: 10% ~ 90% non-condensing
Approval	FCC Class A, VCCI Class A, CE mark Class A

Ordering Information:

KPW-T2P25-C12VE	12VDC power output
KC-4DR	DIN-Rail mounting
PMB-303	Panel mounting bracket



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