

IT5120 Ethernet SHDSL Extender

Application

The IT5120 ethernet extender is used for the expansion of existing ethernet networks. The ethernet extender bridges distances of up to 15 km and enables transmissions in two directions.



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Änderungen vorbehalten - Contents subject to change - Sous réserve de modifications - Reservado el derecho a modificación - Wijzigingen voorbehouden - Con riserva di modifichie - Innehåll som skall ändras - Změny vyhrazeny - Zmiany zastrzeżone - Возможны изменения - A változtatások jogát fenntartjuk - 保留未经通知而改动的权力

Important Information Regarding Product Safety

Safety Instructions

This data sheet contains information on installing and commissioning the product "IT5120". Each person who carries out work on this product must have read and understood this data sheet. If you have any questions that are not resolved by this data sheet, you can obtain further information from the supplier or manufacturer.

If the product is not used in accordance with this data sheet, the protection provided will be impaired.

Applicable regulations must be observed when installing and using the device. Within the EU, these include regulations regarding occupational safety and accident prevention as well as those from the VDE (Association for Electrical, Electronic & Information Technologies). If the device is used in other countries, it is the responsibility of the system installer or operator to comply with local regulations.

Mounting, installation and commissioning work on the devices may only be carried out by qualified technicians. Qualified technicians are persons who are familiar with the described product and who can assess given tasks and recognize possible dangers due to technical training, knowledge and experience as well as knowledge of the appropriate regulations.

Legend



WARNING

Indicates a hazard of medium risk which can result in death or severe bodily injury if it is not avoided.



CAUTION

Indicates a hazard of low risk which can result in minor or medium bodily injury if it is not avoided.



CAUTION

Indicates a hazard of medium risk which can result in material damage or malfunctions if it is not avoided.



NOTE

Indicates additional information that can simplify the work with the product for you.

Notes on Disposal

For disposal, the product is considered waste from electrical and electronic equipment (electronic waste) and must not be disposed of as household waste. Special treatment for specific components may be legally binding or ecologically sensible. The local and currently applicable legislation must be observed.

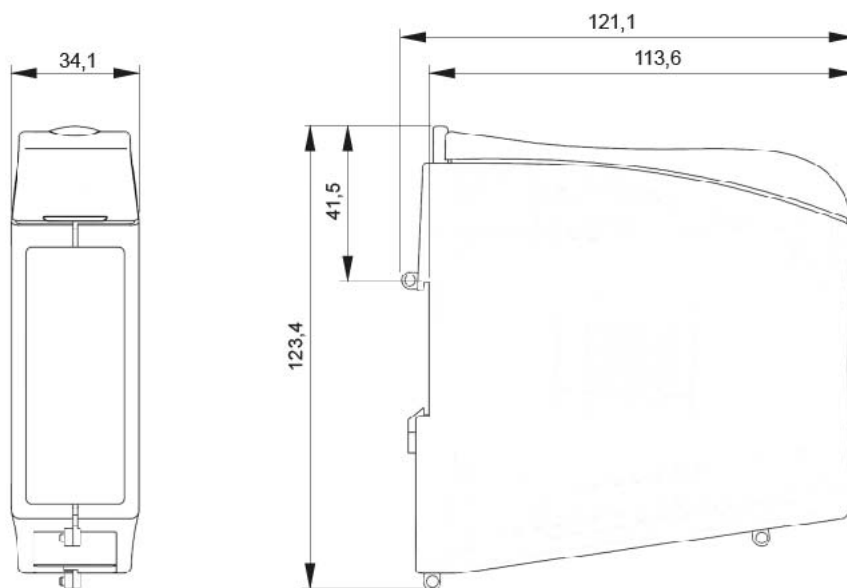
Product Description**IT5120****Item**

IT5120 Ethernet SHDSL Extender

Technical Data

Nominal voltage	DC 12 to 48 V
Operating voltage	DC 10 to 60 V
Power consumption	240 mA at DC 12 V 110 mA at DC 24 V 60 mA at DC 48 V
Operating temperature	-40 °C to 70 °C
Ambient temperature	-40 °C to 70 °C
Ambient humidity	Active: 5% to 95 % rh., non-condensing Inactive: 5..95 % rh., non-condensing
Dedicated line	Detachable screw terminal, 0.2 to 2.5 mm ² , 192 kbit/s up to 15304 kbit/s
Connections	LAN: 1 x RJ45 DSL: 2 x screw terminal (2-core Receive/Send SHDSL) Power supply: 4 screw terminal
Standards	EN 61000-4-2, IEC 61000-4-3, ENV 50204, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-9, EN 61000-4-11, EN 61000-4-16, SS 436 15 03, EN 61000-4-29, EN 55022, FCC part 15, EN 55022, FCC part 15, EN 55022, EN 60950, MIL-HDBK-217F, IEC 60068-2-6, IEC 60068-2-27, UL 94, IEC 529
Dimensions L x H x W	32 x 121 x 119 mm
Weight	0.2 kg
Throughput monitoring	Full Duplex: IEEE 802.3 Half Duplex: Back Pressure
Display	7 LEDs in total: <ul style="list-style-type: none">■ PWR: Power supply■ LFF: LFF active/inactive■ ERR: LLF local/distant error■ DSL: DSL connection■ LINK: Ethernet connection■ SPD: 10/100 Mbit/s■ DPX: half-duplex (HDPX)/full-duplex (FDPX)

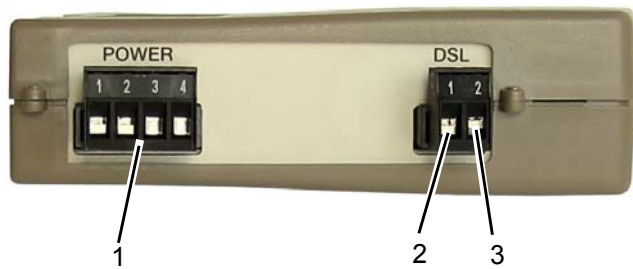
Dimensions



Connection



- 1 LAN connection (RJ45)



- 1 Connecting terminal
- 2 Receive SHDSL
- 3 Send SHDSL

