

Operating Instructions

Ethernet Longlife Protector Type: 4600-0249



Introduction

Please read the Operating Instructions carefully. With damages, that through non-observance of the Instruction caused on the Ethernet Longlife Protector, the warranty claim goes out. For consequence damages, that result from it, we don't take over any liability!

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Note!

The appliance has left the Factory in a safety-related perfect condition. To keep this condition, and to guarantee a safe operation, the user must read Security Hints and Warning Notes contained in this Guidance!

For your safety



Danger

A danger of life thru electric shock

If you touch damaged or open live voltage parts, you may risk a electric shock. Check the Ethernet Longlife Protector unit against damage. If the cable insulation or the case is damaged , the unit may not be used.

Intended use

The Ethernet Longlife Protector is designed for the industrial use in dry areas.
The Unit may not use near possibly maturing or spurting liquids (for example Aquarium).

Every Application deviant from it is not allowable.

Any further use is not for their intended purpose.

The user / operator sticks alone for damages resultant out of this. Another use as pre-determined is not allowable!

The Ethernet Longlife Protector unit is allowed to described and anticipated use cases only in connection as well from the Manufacturer suggested or admitted foreign components use.

Intended use of the Ethernet Longlife Protector unit includes compliance with all security hints and this belongs to due Application allowable environment conditions and specifications, that are defined for the appliance.

Operating conditions / Safety instructions

- To avoid hazards a damaged powersocket from the Unit may exclusively replaced by the Manufacturer.
- Omit any manipulating or altering of the Ethernet Longlife Protector unit.
- Make sure, that the appliance doesn't reach into child hands.
- Prosecute only one device per powersocket from the Ethernet Longlife Protector.
- Operation of the device may only occur with the provided power.
- It is absolut necessary to regard the Compliance with the specifications in this guidance.
- Do not place the device not in high moisture and vibration area.
- The device is only for use in dry and clean areas.
- The device may only under supervision of a competent adults or an expert taken to Operation!
- In industrial facilities are the accident prevention rules of the association of this commercial industrial professional associations for electric installations and operating resources.
- In case the appliance must be repaired, only original spare parts allowed to use!
The Application of variant spare parts can lead to serious damage to property and persons!
- Pursue the device not in surroundings in which ignitable gases, steams or dust exist or can exist. The device may not come in connection with slightly inflammable or ignitable liquids.
- If the device must be repaired once, only original spare parts may be used!
- A repair of the appliance may only allowed from authorized Specialist.
- It must be generally tested before implementing the device, whether in principle the use case for which it should be used, suitable is! In the case of doubt it is necessarily queries with Professionals, experts or the Manufacturer!

Please note that serves and connection mistakes are outside our Sphere of influence
Understandably, we can take over no liability for damages, that are created from it.

Product Description

The Ethernet Longlife Protector consists of the device unit network isolator for electrical isolation of the Ethernet cable via fiber optic coupling and the patented device unit for the power supply.

With the surge protection concept Ethernet Longlife Protector connected electronic devices with 230 V AC are provided.

The protection device is designed for use in industrial environments.

In industrial processes a 100 percent availability of the electronic components is assumed.

With the new protection concept for increasing the immunity on power lines surges through the surge protection device are almost completely eliminated. The efficacy is given without supervision or special examination or staff by longterm.

The new patented protective device for the power supply uses a active electronic circuit to absorb and to diminish overvoltages safely. In this case, the wear of components is avoided.

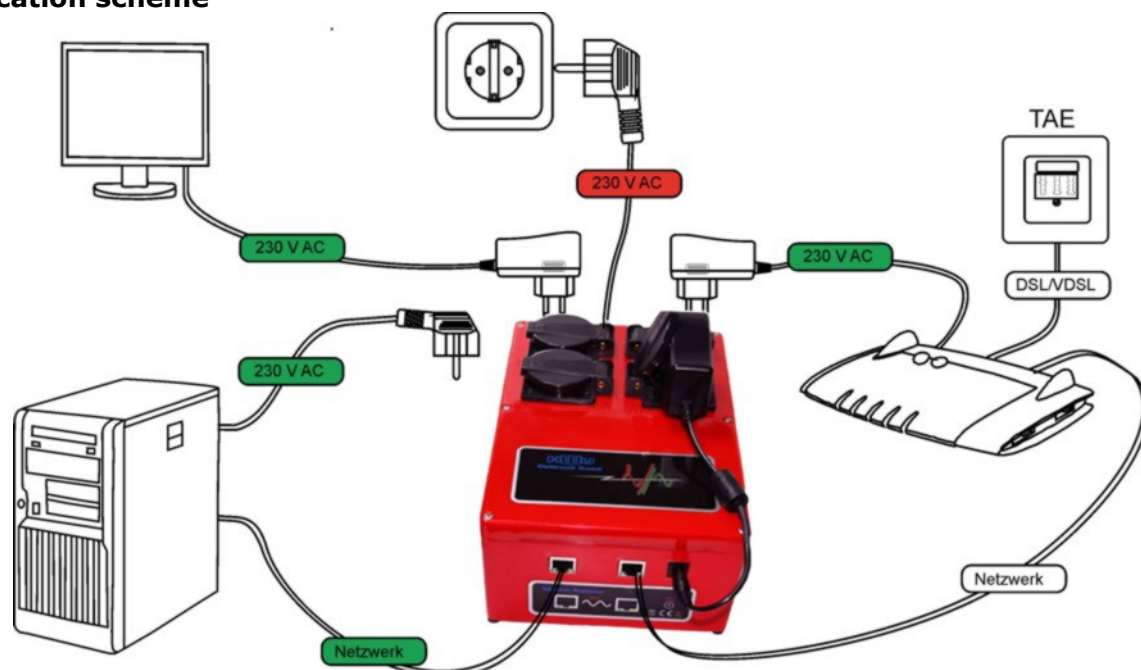
The Ethernet Longlife Protector is installed by easy plugin to a powersocket of the plant mains Cable-System (230V-AC), to protected and supplies the connected electronic devices 230 V AC.

Protection against overvoltage as voltage spikes caused by lightning, long-term protection for PCs, peripherals and other electronic equipment is given hereby. For systems that require a 100 percent availability of connected electronic devices, the use of Ethernet Longlife Protector is a secure solution.

Connected devices are protected to 100% against power surge 6 kV (1,2/50 μ s) on 230 V of AC cords against destruction.

The Ethernet Longlife Protector is designed for use in the IT structure.

Application scheme



Reference to the note in the Picture below:

The Ethernet Longlife Protector is installed by easy plugin to a powersocket of the plant mains Cable-System (230V-AC), to protected and supplies the connected electronic devices 230 V AC. The data connection via fiber optic coupling.

Declaration of conformity

The CE became in Agreement with the following European guidelines - signs installed:

- 2006/95/EC Low voltage directive
- 2011/65/EU
- 2004/108/EC EMC Directive

The Declaration of conformity has been lodged with the Manufacturer.

Manufacturer

HWU electronics Ltd, Hamburger Street 50, D-46145 Oberhausen

Maintenance and cleaning

The device Ethernet Longlife Protector is Maintenancefree.



Danger

A danger of life thru electric shock

If you touch damaged or open live voltage parts, you may risk a electric shock. Check the Ethernet Longlife Protector unit against damage. If the cable insulation or the case is damaged, the unit may not be used.

- Never clean the device Ethernet Longlife Protector when voltage available.
- Remove the plug from the powersocket before cleaning.
- Never dive the device in water.
- Clean the device Ethernet Longlife Protector with a dry cloth.

Technical data „Longlife Protector“

Output Socket:	Protective contact socket
Input Voltage:	230 V Alternating Current, 50 Hz
Own power according to EuP Directive:	2005/32/EG
Output current:	Max 2,83 A
Max . Power Consumption:	650 VA
Power Rating:	650 W
Protection level Combined pulse:	Uoc 6 kV
Surge Impulse	EN 61000-4-5 UL 1,2/50µs, IK 8/20µs
Surge Protection:	Phase to Neutral, Phase to Ground, Neutral to Ground
TOV-Characteristics:	400 V / 5 s (UT)
Test regulation:	EN 61643-11: 2002 +A11:2007
Test regulation:	

Technical data„Ethernet“

Performance:	external
Technology:	Network Isolator Galvanic Isolation
Test regulation:	EN 55022:2010 + EN 55024:2010 EN 50581:2012

Umgebungstemperatur:	-10.. +55 °C, 10 to 90% relative air humidity (not condensing)	-10.. +55 °C, 10 to 90% relative air humidity (not condensing)
Cable length:	Cable 2 m, with Schuko-stecker	
Case / colour:	Plastic ABS / Red RAL 3020	Plastic ABS / Red RAL 3020
Dimensions:	250x160x90 mm (LxWxH)	250x160x90 mm (LxWxH)
Protection of the enclosure:	IP-20	IP-20
RoHS:	compliant	compliant
GTIN:	4280001059115	4280001059115
Tarifnummer:	85363010	85363010

Scope of supply

Cold device inlet Schuko-net cable 2 m C13 black
 Fixation for cold device inlet
 2 pieces of spare fuse
 Rubber feet for slide protection
 External 5V Power supply
 Instructions for wall assembly
 User Manual

Logistics Data

Length: 250 mm
Width: 160 mm
Height: 90 mm
Product weight: 1,9 kg

Disorder

To accept, that a functional operation is no longer possible, the device must taken out of service.

This applies:

- if the appliance shows visible damage
- if the appliance is no more able to function (no data transfer)
- if parts of the device get rid or loose
- if cable shows visible damages
- if the operating voltage does not exist or data line defect

If the appliance must be repaired, only original spare parts can be used! The Application of deviant spare parts can lead to damages! A repair of the appliance can be performed only by one authorized compartment Business.

Guarantee

On this appliance, we grant 24 months of guarantee. The guarantee includes the free removal of failings, that traceable used dodgy material at the Application, or on manufacturing defects leading back.

Disposal



Do not dispose of electrical appliances together with household waste! According to the European Directive 2002/96/EC on waste electrical and electronic equipment, used electric equipment should be disposed of separately and environmentallyfriendly recycled. For Information on the disposal of old equipment please Contact your local authority.

Regarding that of use for the first time with merchandise at private consumers our business has submitted sale packages for itself to the guarantee of this Fulfillment of our legal duties after § 6 VerpackV him/it nationwide transacts Retraction system of the Landbell INC., Mainz, connected. Further information on the web site of the Landbell INC.



Customer Support



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