

Operating Instructions

OptoLineDriver OLD6000 Type: 4600-0246



Introduction

Read carefully through this instruction. With damages, that through non-observance of the instruction caused, 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!

Intended use:

The OptoLineDriver OLD6000 is designed for the industrial use in dry areas.

The OptoLineDriver OLD6000 may not use near possibly maturing or spurting liquids (for example aquarium). Every application deviant from it is not allowable.

Over it any other use is not their intended purpose. The User / Operator alone is liable for this resultant damages. Another use as pre-determined is not allowable!

The OptoLineDriver OLD6000 is allowed to described and anticipated use cases only in connection as well from the manufacturer suggested or admitted foreign components uses.

Intended use 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

- Omit any manipulation or altering the OptoLine Driver OLD6000.
- Have repairs only by a qualified Electrician.
- Make sure, that the appliance doesn't reach into child hands.
- The operation of the device may occur only with the provided power adapter.
- It is absolutely necessary to regard the Compliance with the specifications in this guidance.
- The device is only for use in dry and clean areas.
- The device may only under supervision of a competent adults or an expert in 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!
- 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 OLD6000 OptoLineDriver is an Ethernet coupling device with galvanic isolation and is used to protect against surges and lightning.

Network isolator with galvanic isolation and active protection circuit at lightning events. The protection system uses an optical bridge to lightning damage or disruption to be avoided.

Protection system uses an optical bridge to avoid lightning damage and equipment failure.

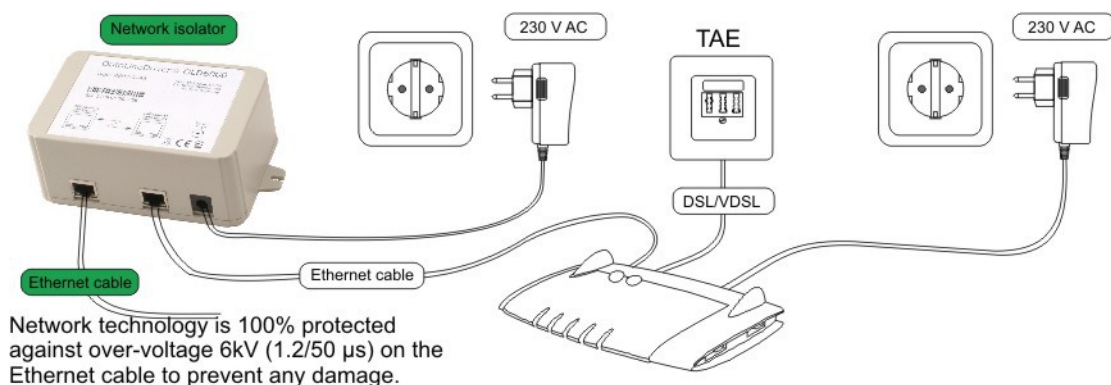
For use in existing networks with conventional wiring, the interface is coupled using an optical bridge and galvanically isolated - ideal for different potentials at transmission and reception locations. The optical transmission is also immune to stray electromagnetic interference. These are used, for instance, in retail spaces and facilities where equipment such as refrigerators and discharge lamps are used, or where external interference could occur.

- Existing networks with conventional wiring can simply be retrofitted with an intermediate adapter with optical data coupling.
- Immune to interference, galvanically isolated, large distances (90 m)
- Spread of electromagnetic interference is prevented by optical coupling with simultaneous galvanic isolation
- Lightning protection for existing devices: Back Office PC/network technology is 100% protected against over-voltage 6 kV (1.2/50 μ s) on the Ethernet cable to prevent any damage.

Network technology is 100% protected against over-voltage 6kV (1.2/50 μ s) on the Ethernet cable to prevent any damage.

- OptoLineDriver OLD6000 combines 100BaseTX/FX and 100BaseTX/FX
- Point-to-point transparent mode LAN: RJ45
- Supports IPv4 and IPv6 data transport
- Display LEDs for power status
- Can be used as a repeater for signal regeneration for cable lengths greater than 90 metres
- OptoLineDriver OLD6000 can be combined with Longlife Power Protection ÜSG 650W
- Powered by external 5 V power adapter (included)
- Extremely compact - only 125 x 80 x 50 (W x H x D in mm, without connections / mounting brackets)

Application scheme



Declaration of Conformity

The CE mark has been affixed in compliance with the following European directives:

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

The Declaration of conformity has been lodged.

Manufacturer:

HWU Elektronik GmbH, Hamburger Straße 50, D-46145 Oberhausen

Maintenance and cleaning

The OptoLineDriver OLD6000 is Maintenance-free.

Technical data

Performance:	external
Technology:	Network Isolator Galvanic Isolation
Test regulation:	EN 55022:2010 + EN 55024:2010 + EN 50581 : 2012
Ambient temperature:	0°C to +40°C, 10 to 90% relative air humidity (not condensing)
Case / Colour:	ABS / Light Gray RAL 7035
Dimensions:	Extremely compact - only 125 x 80 x 50 (W x H x D in mm, without Ab connections / mounting brackets)
Protection fo the enclosure:	IP-20
RoHS:	compliant
GTIN:	4280001059085
Tarifnummer:	85176200

Scope of supply

External 5V power supply connector
Mounting kit
User manual

Logistics data

Width: 125 mm
Height: 80 mm
Depth: 50 mm
Product weigt: 0,312 kg

Disorder:

Is to be supposed that a safe company is not possible any more, is the device to stop and to protect against unintentional company.

This applies:

- if the device shows visible damages
- if the device is not functioning any more
- if parts of the device get rid or loose
- if the connecting lines show visible damages.

If the device must be repaired, only original spare parts may be used!

The use of divergent spare parts can lead to serious material damages and personal damages!

A repair of the device may be carried out only by a qualified electric expert!

Guarantee:

On this device we grant 24-month guarantee. The guarantee encloses the free removal of the defects which are not due provably to the use of flawless material, or to factory defect.

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 environmentally friendly recycled.

For information on the disposal of old equipment please contact your local authority.

Concerning from us for the first time with product befüllten and to private end users to delivered sales packaging our enterprise to the backup of the fulfilment of our legal duties after §6 has joined VerpackV to the all over the country active taking back system of the Landbell AG, Mainz.



Customer Support



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Imprint

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These operating instructions correspond to the technical state by pressure lapping. Change in technology and equipment reserve.

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