

# OptoLineDriver OLD6000 Ethernet protection

Type: 4600-0263

The OLD6000 OptoLineDriver is an Ethernet coupling device with galvanic isolation and is used to protect against surges and lightning.

Network isolator, galvanic isolation, active protective circuit

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



Patent pending

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  $\mu$ s) on the Ethernet cable to prevent any damage.

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- 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
- 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)
- Ambient temperature: -10°C to +55°C, 10 to 90% relative air humidity (not condensing)

Factory number : 4600-0263  
Package weight : 0.312 kg  
RoHS : conform  
Manufacturer



Dispose of an unserviceable product in line with the relevant statutory regulations.

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Modifications and errors excepted