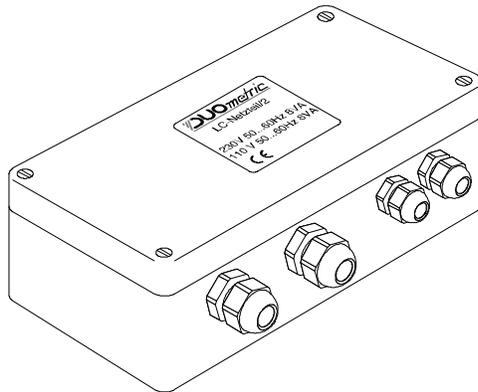


LC Power Supply / 1

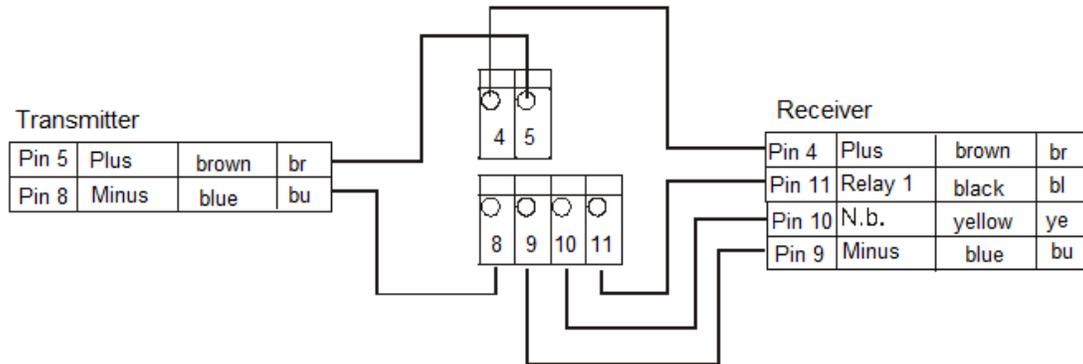


Summary

- Power Supply for connection to a light grid of type LA/LT (with PNP-Output; transmitter without raised transmission capacity)
- Input voltage 230 Vac
- Plastic housing, IP65, cable feed-through with PG-fitting
- Floating relay contacts for switching signal

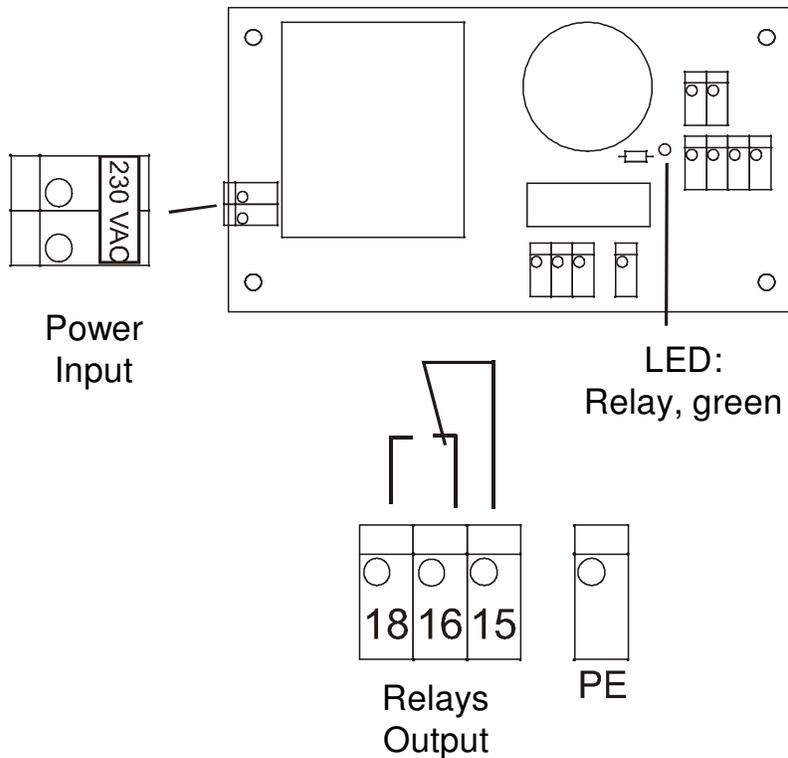
Connectivity Concept

Connection of Light Grids:



Type	Output	Core	Function	Description
LT	Out 1	Black	Light switching	active with uninterrupted monitoring range
	Out 2	Yellow	Dark switching	active with interrupted monitoring range
LA	Out 1	Yellow	Warning Output	active during malfunction
	Out 2	Black	Signal Output	Light or dark switching

Circuit board view



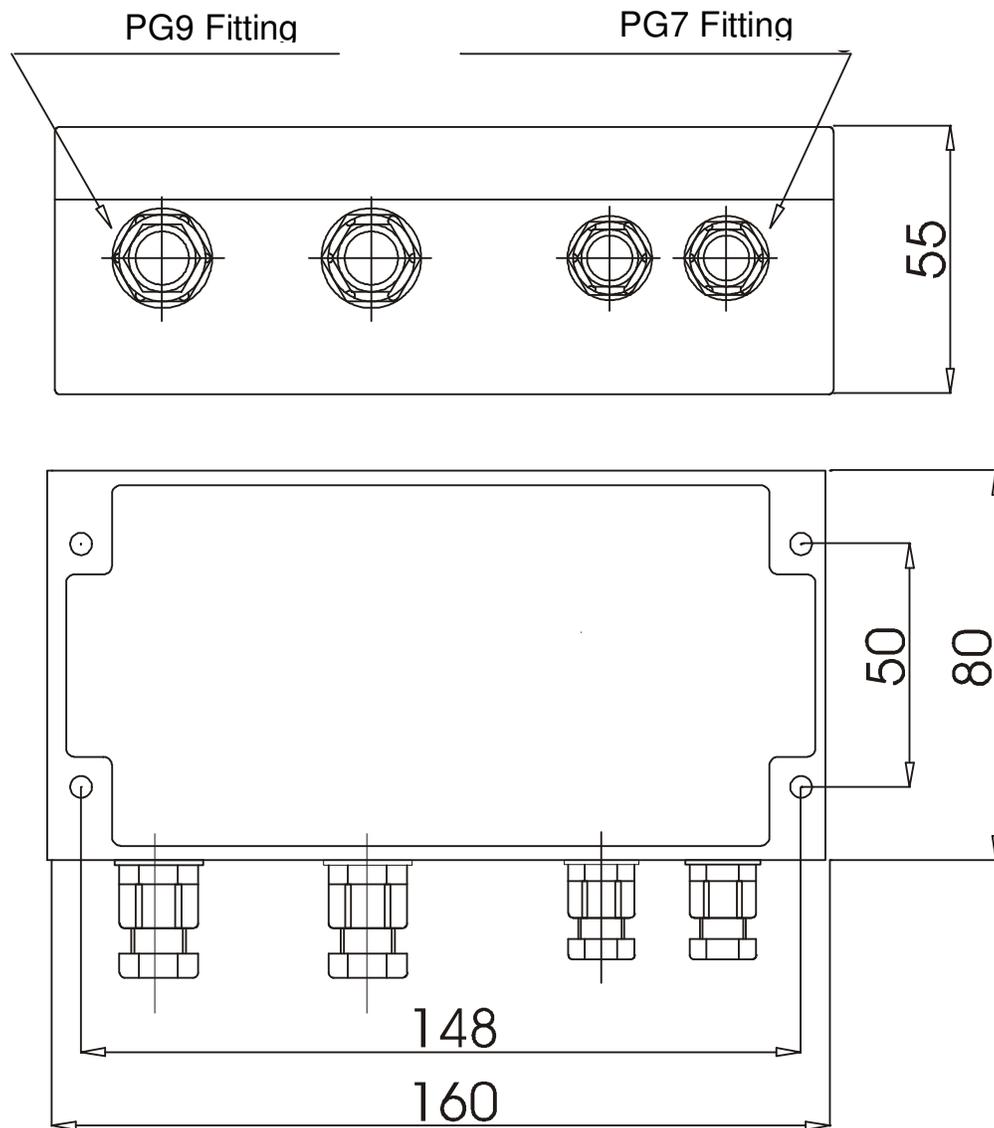
Function

Relays

The relay is active when pin 11 is high.
 Example light grid:

	Light switching	Dark switching
Beams disrupted	disengaged	engaged
Free monitoring range	engaged	disengaged

Housing View



Startup Instructions

- Follow proper start-up procedures.
- For housing installation use only dedicated mounting holes. Do not drill any additional holes into the housing as it will terminate your warranty!
- Wires are clamped by spring terminals. Use only appropriate wire gauges.
- Connect power wires at the very end.
- Output Supply voltage to light grids (Plus 24Vdc:Pin 4,5; Minus: 8,9) is not short-circuit proof.
- Thoroughly tighten PG-fittings.
- Thoroughly mount housing cover.

Technical Data

Protection class (DIN 40050)	IP 65
Connections	For one transmitter & receiver set (plus switching) Spring terminals for wire core diameters of 0,2...1,5 mm ²
Supply voltage	230 Vac (±10%), 50...60 Hz
Power consumption	~ 8 VA
Outputs	Up to 250 V, 5 A, 1100 VA
Dimensions	160 mm x 80 mm x 55 mm (L x W x H)
Cable feed-through	2x PG7-fitting for connecting light grid 2x PG9-fitting for power, relays output, etc. Cable core diameter 4.5...7 mm
Temperature range (ambient)	-10...40 °C



Adhere to installation instructions and technical information for the light grid profiles.

Export information:

This product must only be exported to the USA with the explicit permission of the manufacturer.