

Elevated Obstacle Lights

LED-OBSTACLE LIGHT TRIGGER MODULE

The Obstacle Light Trigger Module is a compact timer module that synchronizes the IR-flash of the BATT Low Intensity LED-Obstacle Light and monitors the connected light.

Key Features

- Clock in- and output to synchronize multiple trigger modules
- Triggers up to 20 low intensity LED-Obstacle Lights
- Integrated failure monitoring output
- Adjustable flash rate (20-60 flashes/min)
- Manual or forced trigger

Design Concept

- Compact and lightweight design
- DIN-Rail mounting concept



Referred Standards

The LED-Obstacle Light Trigger Module complies with following industry regulations:

- BAZL Richtlinie Luftfahrthindernisse ADI-006D/ 2021
- BMVI AVwW Kennzeichnung von Luftfahrthindernissen - Anlage 1/ 2020

Product Specifications

Environmental Data

Operating Temperature -30°C to +45°C

Storage Temperature -40°C to +55°C

Service Life

Service Lifetime > 200'000h

Product Specifications

Mechanical Data

Height	90mm
Width	20mm
Depth	70mm
Net Weight	0.1kg
Packing Dimensions	190 x 190 x 160mm
Gross Weight	0.4kg
Material	PA-FR
Protection Class	IP21 (IEC69598-1)
Recommended Mounting	35mm DIN-Rail

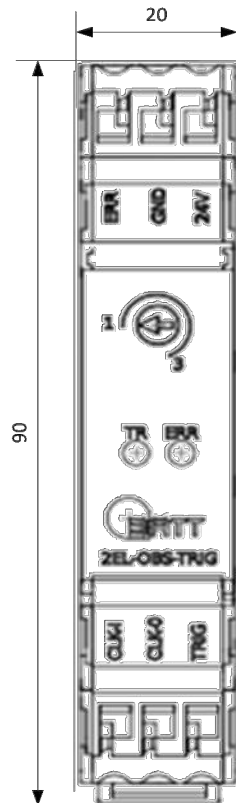
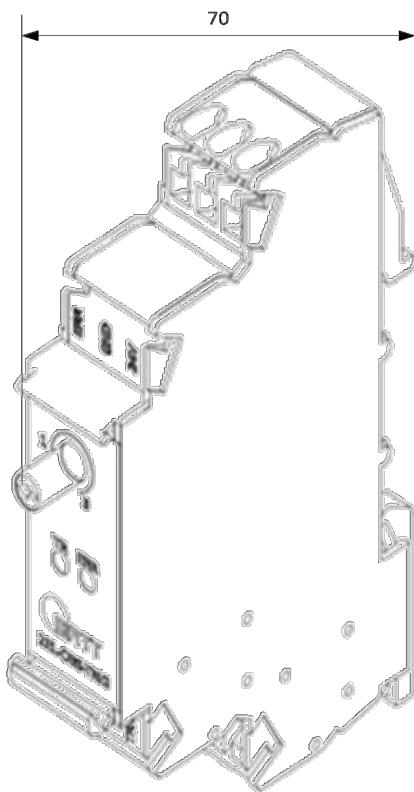
Electrical Data

Operating Voltage	24VDC \pm 4V	
Power Consumption	0.5W	
Cage Clamp Terminals	6x 0.75-1.5mm ²	
Terminal Assignment	Top Row	ERR / GND / +24V
	Bottom Row	CLK-I / CLK-O / TRIG
Terminal Description	ERR	Fail Output Monitor
	GND	Ground 0V
	+24V	24VDC
	CLK-I	Clock input connected to CLK-O from additional Trigger Module
	CLK-O	Clock output connected to CLK-I from additional Trigger Module
	TRIG	Trigger pulse connected to light monitor line

Accessories

BATTCon Programmable Logic Controller (2CON-PLC)
BATTCon Human Machine Interface (2CON-HMI)
LED Obstacle Light (2EL-OBS)
Single LED Obstacle Light Assembly (2EL-OBS-PWR-BR)
Redundant LED Obstacle Light Assembly (2EL-OBS2-PWR-BR)

Dimensions



Product Variants and Order Code

Order Code

2EL-OBS-TRIG

Imprint

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