

Control Series

BATTCon PROGRAMMABLE LOGIC CONTROLLER

The BATTCon Programmable Logic Controller is dedicated to control small- to mid-range lighting systems. The typical application is the control of heliports and obstacle lighting systems. The PLC can be either used for stand-alone, cascaded or master/slave operations in combination with the BATT Human Machine Interface.

Key Features

- Persistent flash memory
- 4 digital 24VDC inputs / outputs
- 1 analog 0-10V input / outputs
- Monitoring LEDs for each in- and output
- Fully isolated (500V) modbus interface
- 24VDC power supply
- 10m/s cycle time

Design Concept

- Compact design
- DIN-Rail mounting concept

Product Specifications

Mechanical Data

Height	104mm
Width	23mm
Depth	115mm
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



Product Specifications

Electrical Data

Operating Voltage	24VDC ± 4V	
Power Consumption	Idle	2W
	Maximum	25W
Cage Clamp	10x 0.25-1.5mm ²	
Cycle Time	10ms	
Terminal Assignment	Row 1 (Modbus)	SHIELD / SHIELD / D+ / D-
	Row 2 (Digital input)	DIN0 / DIN1 / DIN2 / DIN3
	Row 3 (Digital output)	DOUT0 / DOUT1 / DOUT2 / DOUT3
	Row 4 (Power, Analog in- and output)	+24V / 0V / Uin0 / Uou0

Software Capabilities

8 Synchronous State Machines

Max. 255 Single States

Max. 255 Single Transitions

12Bit A/D D/A

Accessories

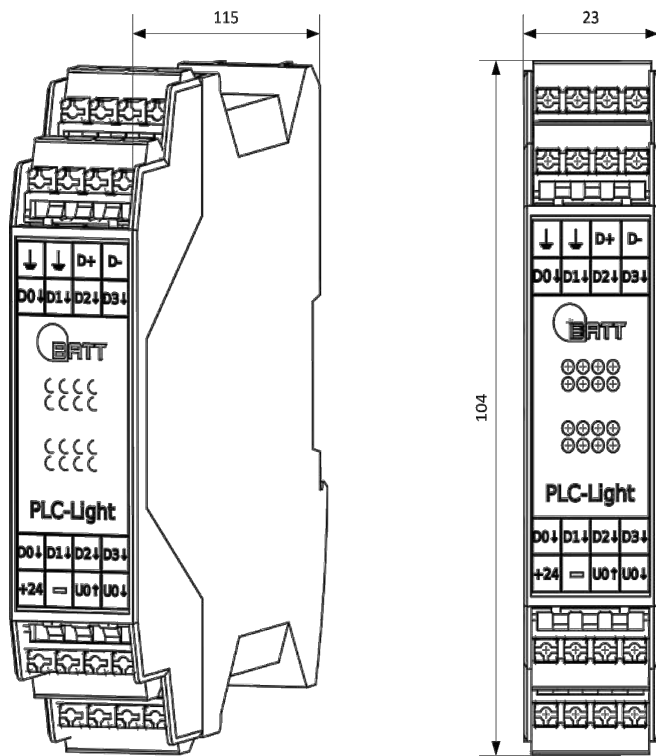
BATTCon Human Machine Interface (2CON-HMI)

BATTCon Brightness Sensor (2CON-DIM)

LED-Obstacle Light Tigger Module (2EL-OBS-TRIG)

LED-Obstacle Light Monitoring Module (2EL-OBS-FG)

Dimensions



Product Variants and Order Code

Order Code

2CON-PLC

Imprint

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