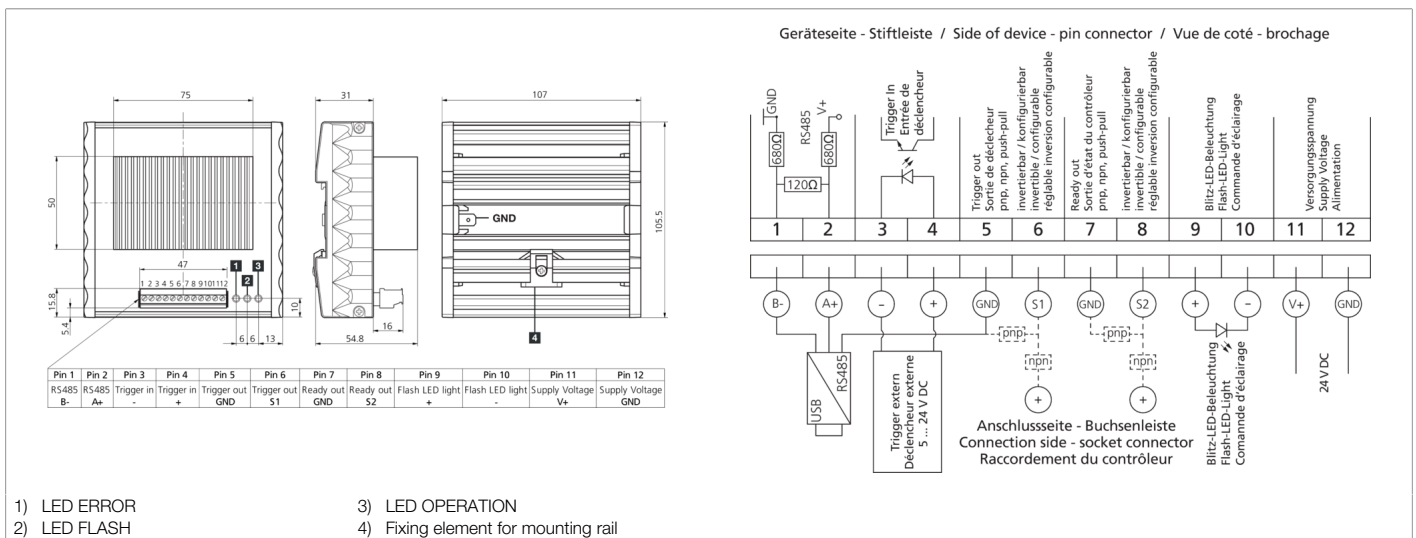




207116
BC-100-20A
Flash controller for flashable lighting

- Controlled flash mode for LED lights
- Simple and fast setup with RS485/USB/PC
- Trigger input for external control
- Adjustable trigger delay
- Max. pulse current 20 A
- Pulse times can be adjusted between 10 µs and 50 ms
- Strobe function up to 10 kHz
- Constant current of up to 1.8 A
- Standby output
- Trigger output for camera systems and peripheral devices



Function											

Technical data (typ.)	+20°C, 24 V DC
Service voltage	24 V DC (± 1V)
Inverse polarity protection	In pairs by terminal group
Short-circuit protection	In pairs by terminal group
Average / peak power consumption	< 2.5 A / 6.0 A
LED constant current (configurable)	0.1 ... 1.8 A
LED pulse current (configurable)	0.1 ... 20.0 A
Input power	< 55 W (24 V DC)
Housing material	Aluminum (Anodized) / Plastic (PA, 6.6 FR)
Protection class	III, operation on protective low voltage
Component	Flash controller for flashable lighting
Number of channels	1
Trigger input	5 ... 24 V DC (Potential-free, optical coupler)
Interface	RS485
Trigger output	push-pull, pnp (12 V DC), npn (30 V DC), configurable, <150 mA
Display	LED Green - Operation, yellow - Flash, Red - Interference
Pulse duration (configurable)	0.01 ... 50 ms
Pulse cycle time (configurable)	100 µs ... 60 s
Pulse delay (configurable)	> 50 µs (0 ... 2 A) / > 5 µs (2 ... 20 A)
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation	0 ... +40 °C



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Technical data (typ.)

+20°C, 24 V DC

Protection type

IP 40

Connection

Terminal strip, 12-pin

More information / accessories

<https://www.di-soric.com/207116>