

Load monitoring · LOCC-Box-EC

Electronic load monitoring up to DC 10 A

Single-channel design, Adjustable current range: DC 1 A – 10 A

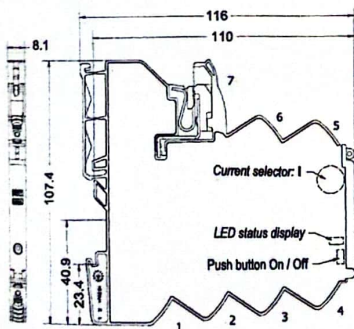
Fixed characteristic: fast, medium, slow 1, -2, -3 (see order code)



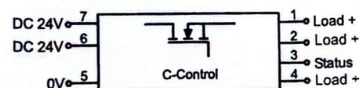
Input	Rated voltage U_N Operation voltage range Rated current I_N Supply current Reverse voltage protection Connection type input	DC 12/24 V DC 10–30 V DC 10 A DC 40 A over Cu-rails 10 × 3 mm internal electronics screwless contact slide	Switching element	DC 0 V: error, output switched off and manual „OFF“ Transistor, collector with pull-up resistance
Output	Switching element Output current Voltage drop Status display output	MOSFET max. DC 10 A max. 215 mV (10 A) LED green: operating voltage present, no error LED red: error in load circuit 10000 µF	General Operation temperature range Storage temperature range Dimensions (w × h × d) Housing material Mounting	-25 °C ... +50 °C -40 °C ... +85 °C 8.1 mm × 107.4 mm × 116.0 mm PA 6.6 (UL 94 V-0, NFF I2, F2) DIN rail mountable TS35 (EN 60715)
Switch-on capacity Current range	Characteristic	Switch-on capacity Current range 1 A – 10 A (adjustable via switch in 1 A steps)	Installation position MTBF Degree of protection	Any 690000 h IP20 (only as complete system with power terminal and end block)
Signal output Signal level	Signal level	DC 12/24 V: operating voltage on standby, no error,	Connection type	Push-In 0.25 mm ² – 2.5 mm ² AWG 24 – AWG 14
			Certifications	cULus (E135145) URus (E490188)
			Standards	EN 61000-6-2 EN 61000-6-3 UL 60947-5-1 UL 2367

Part No.	Type	Weight/unit kg	PU (units)
716412.xxxx	LOCC-Box-EC-I-C	0.07	1

Dimensions



PIN assignment



- 1: Load +
- 2: Load +
- 3: Status output
- 4: Load +
- 5: 0V
- 6: + Supply (alternative)
- 7: + Supply

Order code

716412.03 50	PU
Type	00 1 pc.
	50 50 pcs.
Characteristic	01 fast
	02 medium
	03 slow-1
	04 slow-2
	05 slow-3