

2 X 230V DIMMER MODULE

CH038

v1.0

Product features:

To be installed in the wall behind switches or fixtures

2 switch inputs

2 MOSFET dimmer outputs (230V load)

Optional 2 feedback LED outputs

Optional external temperature sensor

Status LED



Parameter	Condition	Value			Unit
		Min	Typical	Max	
Power supply			12,0	16,0	V
Power uptake	without heavy current output		17,0	60,0	mA
Controlled current	by channel			1,0	A
Network voltage	AC (effektív)		230,0		V
Network frequency			50,0	60,0	Hz
Load power				100,0	W
Lining value	Between extra low volatge control and low voltage part		4 000,0		Vrms
LED power supply			12,0		V
LED power consumption	by channel			8,0	mA

Module label	Function
BUS/+	+12Vdv
BUS/D	LS bus data line
BUS/-	ground
BTNS/2	Button2 input
BTNS/C	Pushbutton common
BTNS/1	Button1 input
LED/2	Indicator LED for #2 button
LED/G	LED ground
LED/1	Indicator LED for #1 button
TMP/-	Power supply (+5Vdc) for thermometer
TMP/D	Thermometer signal
TMP/+	ground for thermometer
2	Brightness-controlled Output 2
N	Network zero driver
L	Network phase
1	Brightness-controlled Output 1

Status LED	Indication
slow flash	bootloader mode (first 3 sec after power supply)
frequent flash	software started and running
2 short blink	traffic

Environmental parameters	
Safety rating	IP 20
Temperature resistance	0-40 °C



CISPR 24 /IEC 61000-4-3/2006-09
 CISPR 24 /IEC 61000-4-6/2014-05
 CISPR 322015-11
 EN 550152013-11
 IEC 62368-1:20142014-08
 EN 505812013-02

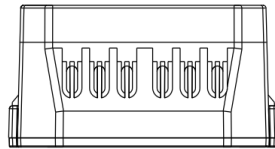
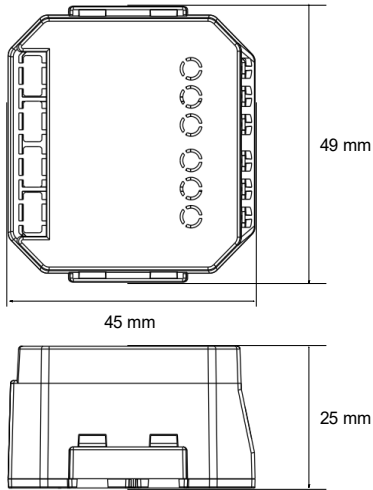
Before installation, please study the
Chameleon Electrical installation guide!



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Dimensions and Connection Diagram



Switch

