



Black



Alu



Ex



RS

MICROSAFE®



Microsafe® MDimLed BlueLine MultiDim Dimmer

The MDimLed can dim most dimmable types of light/lamp, from the lowest to the highest level. Light level indicated on display, from 1-99. Light level regulated with control buttons. The MDimLed has a 2-pole break when switched off/on and 'remembers' previously set level when switched on. 'AutoHertz' means that the dimmer itself detects whether it is connected to 230 V at 50 or 60 Hz. Dims most load types. See load table below.



Light source	Power
Incandescent bulbs and 230 V halogen	5-315 W
12 V halogen with electronic transformer, trailing-edge dimming	20-315 W
12 V halogen with iron-core transformer, leading-edge dimming	20-315 VA
Dimmable LED light sources, trailing-edge dimming (Suitable for most LED drivers)	1-250 W
Dimmable LED light sources, leading-edge dimming	1-250 W
Dimmable energy-saving bulbs, trailing-edge dimming	5-250 W
Dimmable energy-saving bulbs, leading-edge dimming	5-250 W

PART NO.	NAME	BUTTONS	FRONT
1418216	MDimLed BlueLine Ex	White	White
1418217	MDimLed BlueLine RS	White	Polar white
1418218	MDimLed BlueLine Alu	Grey	Aluminium
1418219	MDimLed BlueLine Black	Black	Black

TECHNICAL DATA			
Physical dimensions:	Conforms to RS16 24 mm mounting depth	Outputs:	2-pole break, 315 VA.
Voltage:	230 VAC +10/-20%	Light level:	1-99
Max. load:	See load table	Min. load:	See load table
Protection:	Electronic thermal protection (OL on display). Mechanical thermal protection. Electronic short-circuit protection.		

FEATURES

- ✓ All dimmable loads.
- ✓ Simple programming of max./min.level and lowest switch-on level.
- ✓ 2-pole break and 'remembers' previously set level when switched on.
- ✓ Display shows brightness 1-99.
- ✓ AutoHertz 50/60 Hz - perfect for offshore etc.
- ✓ Buttons for adjusting brightness up/down and on/off.
- ✓ Electronic monitoring of operating temperature (safety).
- ✓ Conforms to RS-16 standard.
- ✓ Mounting depth just 24 mm.
- ✓ Autoscaling of regulating level.

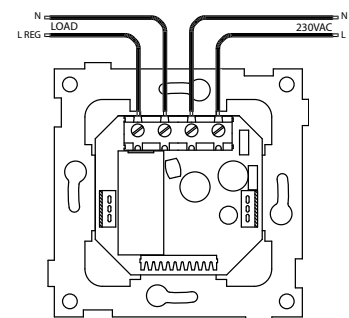
PARAMETER MENU

- Menu > Press - and ON/OFF simultaneously
- Scroll > Press ON/OFF button
- Select > Press +/-
- Reset > Press ON/OFF, + and - simultaneously

MENU	FUNCTION	DEFAULT
P0	Max. level setting	99
P1	Min. level setting	1
P2*	Switch-on level setting	20
P3	1 = trailing-edge dimming 0 = leading-edge dimming	1
P9	Show version number	
Pb	Display brightness 0-50 (0 = of, 50 = bright)	20

*If you have dimmed to a level below P2, it will come on at P2 for 2 sec (to ensure it turns on properly) before dimming to the previously set level.

WIRING DIAGRAM



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