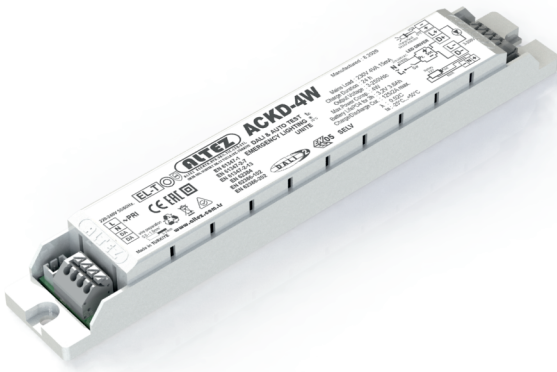




Self contained emergency lighting LED driver for manual testing
For LED modules with a forward voltage of 3 – 200Vdc

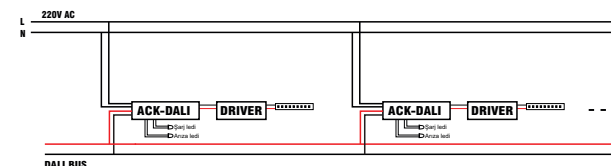
Non maintained emergency operation
DALI2 interface for controlled testing and monitoring
Compatible with all dimmable and non-dimmable constant current LED driver
3-pole technology: 2-pole LED module changeover and delayed power switching for the LED driver
1, 2 or 3 h rated duration
Output power limitation
Two-colour status display LED
Automatic restart after LED replacement
Electronic multi-level charge system
Pulse current charging to optimize battery life
SELV (outputs powerLED, battery, status LED, test switch)
Polarity reversal protection for battery provided by 3-pole connector
Charge indicator with green led
Optionel test swich
Smart charge circuit for battery charge (LifePO4)
Deep discharge and over charge protection
Very low energy consumption from the battery after activation
Short-circuit-proof battery connection
Emergency lighting LEDs available

Working voltage : 220 - 230 V AC 50/60Hz $\pm 10\%$
Mains supply current : 0.05A
Mains supply power : 4VA
Starting time : < 0.5 s from detection of emergency event
Output voltage : 10-200V
Output current : 50mA $\pm 10\%$
Max. Output led power : 150W
Max. open circuit voltage : 280V
Mains surge capability (between L - N) : 1kV
Amp.temp. : -10°C . . 55°C
Case temp. : 75°C
Max.battery temp. : 60°C
Protection grade : IP20

EN 60598-2-22, EN 61347-2-7, EN 62384, EN 62386-102, EN 62386-202,
EMC-2004/108/EC, LVD-2006/95/EC
VDE108, CB, CE, EAC, TSE

Emergency Signal code

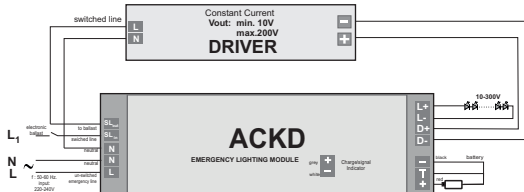
● On	○ Off	Ok
● 1Hz Flash	○ Off	Charging
○ Off	● On	Battery disconnected / Duration test fault
● 2Hz Flash	○ Off	Function test / Duration test in progress
○ Off	● 2Hz Flash	Battery temperature fault
○ Off	● 1Hz Flash	Light source fault



Non-maintained



Maintained



Accessuary

Test button

YMACTB-NO55 Normal open

Bicolor charging indicator

YMACL-GR55-2P Green/Red



Battery	Capacity	Type	Dimension
ALIFE108 LiFePO ₄	3.2V 800mA	15500	60 50 14 14 16 60gr.
ALIFE118 LiFePO ₄	3.2V 1800mA	18650	75 60 18 18 20 100gr.
ALIFE136 LiFePO ₄	3.2V 3600mA	2x18650	75 60 18 18 20 100gr.

12h battery charging time for 3h emergency lighting function when used with LiFePO₄ batteries.
Up to 100.000h lifetime
5years warranty

