

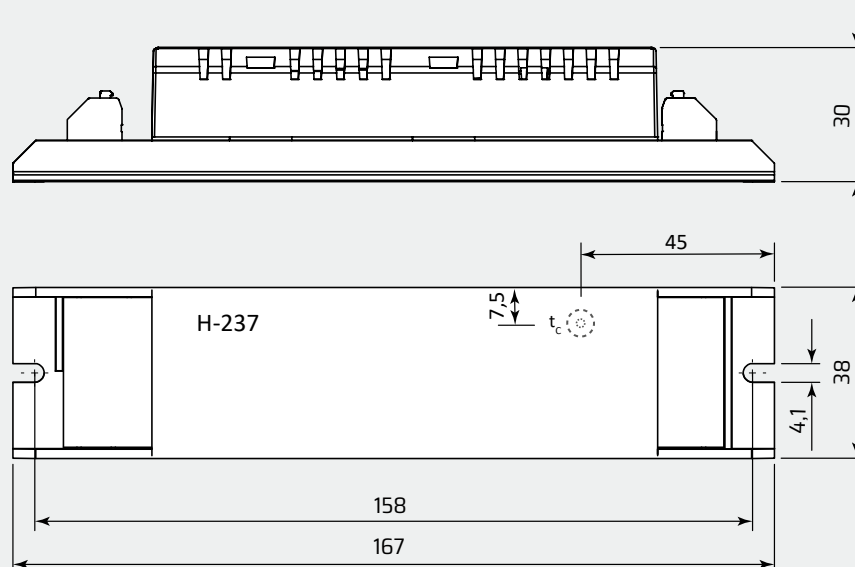
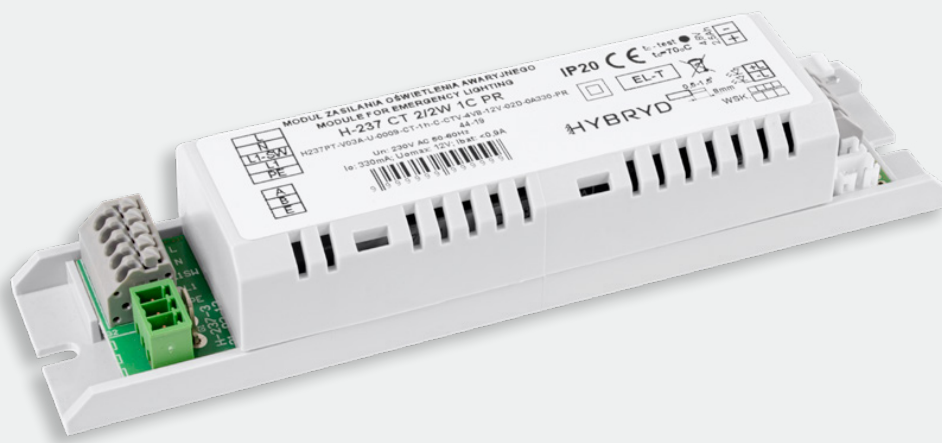
H-237



H-237 module is designed for emergency power supply of LEDs in an amount of 1 to 12 with direct current and power up to 10W.

With an additional power supply it is possible to continuously supply the LED module (maintained/basic mode). The compact design of the module enables use in many modern lighting luminaires for the construction of emergency and evacuation LED lighting.

In CENTRALTEST system it works in emergency lighting system with central monitoring.



MODULE FEATURES

- A lot of external protections: circuit protection, light source reverse polarity, light source disconnection detection, battery damage or disconnection detection, clear power outage detection (resistance to fractional power outages/power flicker)
- LED signalling (green and red)
- Small size, allows mounting in tight suspended ceilings
- Versatility of operation in various system structures: AUTOTEST, CENTRALTEST
- Wide range of supported light sources - from single power LED to multi LED matrices
- Maintained operation mode, non-maintained (power adapter required) or night mode (hotel - power adapter required)
- Simple connections - screwless connectors, plug sockets
- Compatibility with most LED power supplies

TECHNICAL DATA

Supply voltage	230V AC 50-60Hz
Power consumption	< 7VA
Protection class	II
Ingress protection	IP20
Output power	1 - 10W
Output current	0,05A - 1A
Output voltage	12V, 15V, 24V, 43V
Battery type	Ni-Cd, Ni-MH
Battery voltage	4,8V; 8,4V

Battery capacity	1,0Ah; 1,5Ah; 2,5Ah; 4,0Ah
Emergency operation time	1h, 2h, 3h
Battery recharging time	16h - 24h
Ambient temperature	TS: -10 - +55°C TE: -25 - +60°C
Cable connections	0,2 - 1,5 mm ²
The maximum length of cable to the LED module	1m
Supply cable cross-section area	0,5 - 1,5mm ²
Housing material	ABS

BATTERY CAPACITY

Power	Emergency operation time		
	1h	2h	3h
1W	4,8V/1,0Ah	4,8V/1,0Ah	4,8V/1,0Ah
1,5W	4,8V/1,0Ah	4,8V/1,5Ah	4,8V/1,5Ah
3W	4,8V/1,5Ah	4,8V/2,5Ah	4,8V/4,0Ah
5W	4,8V/2,5Ah	4,8V/4,0Ah	—
6W	8,4V/1,5Ah	8,4V/2,5Ah	8,4V/4,0Ah
10W	8,4V/2,5Ah	8,4V/4,0Ah	—

NUMBER OF LEDs

Power	Number of LEDs (3V)											
	1	2	3	4	5	6	7	8	9	10	11	12
1W	●	●	●	●	●	●	●					
1,5W	●	●	●	●	●	●	●					
3W	●	●	●	●	●	●	●					
5W		●	●	●	●	●	●					
6W		●	●	●	●	●	●	●	●	●	●	●
10W					●	●	●	●	●	●	●	●

ORDERING

H-237 0000 CT 3 / 3W 1 J

Variant:

AT - AUTOTEST

CT - CENTRALTEST

Number of LEDs or 3V sections:

1 - 1 LED

2 - 2 LEDs

3 - 3 LEDs

4 - 4 LEDs

5 - 5 LEDs

6 - 6 LEDs

7 - 7 LEDs

8 - 8 LEDs

9 - 9 LEDs

10 - 10 LEDs

11 - 11 LEDs

12 - 12 LEDs

Output power:

1W - 1 to 7 LEDs; 1h to 3h

1,5W - 1 to 7 LEDs; 1h to 3h

3W - 1 to 7 LEDs; 1h to 3h

5W - 1 to 7 LEDs; 1h, 2h

6W - 2 to 12 LEDs; 1h to 3h

10W - 5 to 12 LEDs; 1h, 2h

Emergency operation time:

1 - emergency operation time of 60 minutes

2 - emergency operation time of 120 minutes

3 - emergency operation time of 180 minutes

Operating mode:

J - maintained (works with an external power supply)

C - non-maintained

N - night (CT only)

Variant (optional):

(none) - base variant

OWN - OWA FL LED variant

PII - PRIMOS II LED variant