ECOtech Emergency Bulkhead

80 mm

353 mm

118 mm

1

OFF

2

x2

3

4

5

6a

AC 220-240V + 🏃

Always on

6b

AC 220-240V + 🏃

Non-maintained

6c

AC 220-240V + 🏃

Maintained

7

8

9

10

ON

ECOtech Emergency Bulkhead

nordtronic

80 mm

353 mm

118 mm

Auto-Test

Self-Test fittings perform a self-commissioning test at first power on. After charging for 24 hours a full duration test (2 hours) is performed. Initial function and duration tests are randomly generated. They are then performed in accordance with standard requirements (every 4 weeks for function tests and every 52 weeks for duration tests).

A single bi-colour indicator LED is fitted in all Self-Test products. This LED is clearly visible for manual inspection. It indicates the module status. The LED shows permanent green or flashing green when conditions are normal and flashing red if a fault condition is present.

Function test

A function test is a 2 minutes test that simulates a mains failure and checks the operation of the emergency light source from the battery supply.
The local indicator LED slow flashes green whilst the 2 minutes function test is in progress. If there is a failure during a function test the local indicator LED changes to a flashing red.

Duration test

A duration test simulates a mains failure. It also checks the operation of the emergency light source from the battery supply for the rated duration of the module.

The local indicator LED fast flashes green whilst the duration test is in progress.

If there is a failure during a duration test the local indicator LED either changes to flashing red. The battery is required to be fully charged before a duration test can be started.

Manual test indication

Test Button	Green LED	Status
Press for about 1s	Off	Emergency mode for 1 second
Press for about 5s	Slow flash	Function for 30 seconds
Press for about 7s	Fast flash	2 hours duration test
Press for about 10s		End the duration test

Auto test Indication

Color	LED indication	Status
Green	Permanent green	Charging mode/fulled charged
	Slow flash (1 sec on, 1 sec off)	Functional test for 2 minutes
	Fast flash (0.5 sec on, 0.5 sec off)	Duration test for 2 hours
Red	1 flash (0.5 sec on, 2.5 sec off)	Battery disconnect/Open circuit/Short circuit
	2 flash (1 sec on, 2 sec off)	Lamp fault/LED failure
	3 flash (1.5 sec on, 1.5 sec off)	Battery failed the duration test
Off	DC mode	Battery operation (emergency mode)

220-240 VAC	6.5W	6000 Kelvin	400 Lumen v/ AC	340 Lumen v/ batteri	CRI>80	120°	IP65
			12	240	CE	RoHS	

Find the updated manual on our website – nordtronic.com
With reservation for typing errors