
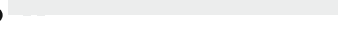








### Testing correct operation of the fitting

Emergency lighting fitting has to be periodically tested in accordance with applicable regulations (PN-EN 50172 and PN-EN 62034). The test results have to be recorded and be available to the inspector fire.

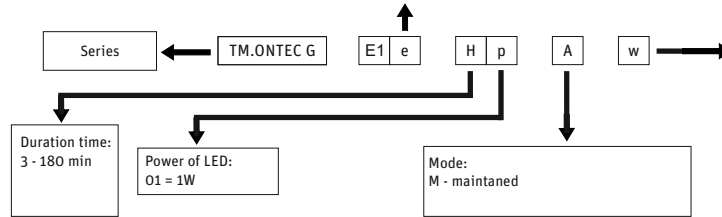
**Monthly test** The tests should be carried out as follows:  
Switch on the emergency mode of each luminaire and each internal illuminated sign with battery power, by simulating the failure of the main power supply for a time sufficient to ensure that each lamp is lit. In the case of central battery systems it is necessary check the correct operation of the monitoring system. During this period, all luminaires and signs should be checked to ensure that they exist, that they are clean and that they function properly. At the end of this periodic test, it is recommended to restore the power to the basic lighting and to check each indicator light or device to ensure that they indicate that the primary power has been restored.  
**Annual test** Monthly and the following checks should be carried out additional tests:  
Each luminaire and internally illuminated sign should be tested for the time according to the **monthly test**, however for the full rated duration - as per the manufacturer's information. The power of the basic lighting should be restored and each control lamp or device should be checked to ensure that they indicate that the basic power has been restored. It is recommended to check the correct operation of the charging system. Record the date of the test and its results in the log.

Led indication	green
charging mode	led on ●  .. led off ○ 
test	led on ●  .. led off ○ 
emergency operation	led on ●  .. led off ○ 
error	led on ●  .. led off ○ 

### Specifications

Module:  
B - emergency module with switch mode power supply (luminance 180+380 cd/m<sup>2</sup>)

Type of test or destiny:  
ST - manual test



<b>Power supply</b>	210 ÷ 250 V AC/ 50 ÷ 60 Hz	<b>Storage conditions</b>	
<b>Duration of battery charging</b>	< 24h	Temperature +10 °C ÷ + 25 °C	
<b>Protection level IP</b>	IP 20	dry environment, not exposed to humidity and chemical factors, away from strong magnetic fields	
<b>Temperature range t<sub>a</sub></b>	t <sub>a</sub> +10 °C ÷ +35 °C	store (bulk containers) in piles not higher than 1,2 m	
<b>Working humidity range (non-condensing)</b>	10% ÷ 85%	maximum storage duration: 6 months	
<b>Battery life</b>	exchange after 4 years or duration time is not maintain	store in original packages	

### Ending notes

1. For cleaning use dry soft cloth. Using aggressive detergents and solvents is forbidden.	4. Used batteries are products that undergo utilization and they should be turned over to utilization centresy.
2. Batteries and light sources are replaceable. Light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.	5. Every cracked protective shield of the fitting should be replaced.
3. It is recommended to replace the battery every 4 years or when test errors occurs.	<b>WARNING!</b> Faults caused by disregarding fitting's manual invalidate warranty.

The guarantee shall not cover the normal wear and tear of battery packs and light sources.

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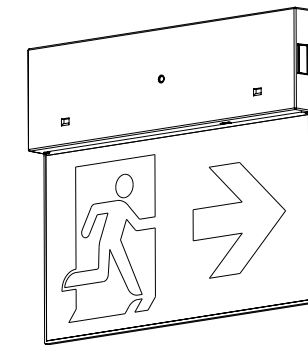
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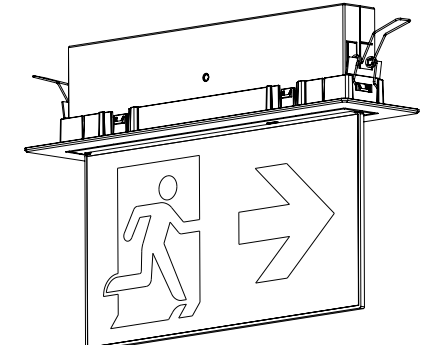
## Installation instructions

# ONTEC G

Surface mounted version



Recessed mounted version



### Attention!

1. Fitting installation should be conducted with power supply turned off and in accordance with safety rules building norms and norms referring to electric installations.
2. Power supply for fitting should not be connected from circuits which can be loaded with induce receivers – this may damage electric module in the fitting.
3. The fitting is adjusted to indoor usage.
4. The manufacturer reserves the right to change the design of the product.
5. The manufacturer is not liable for any damage caused by connection of the product to defective electrical installation.

IP 20



850 °C



210 ÷ 250 V AC  
50 ÷ 60 Hz



**Montage of the fitting**

**Key**  
 - done from both sides  
 - carried out carefully

1.2a - (1) serial number of the stage, (.2) the serial number step  
 (a) step version depends on the model

**Montage of the surface-mounted fitting**

1.1

Fitting must be mounted at a height that it is visible indicator of battery charging.

1.2

Clamp cable only mount for surface-mounted version.

1.3a, 1.3b, 1.4a, 1.4b, 1.6a, 1.6b, 1.7, 1.8a, 1.8b, 1.9

Cut out

Power cord L/NL1.

ATTENTION:  
 Assembly accordance with PN-HD 60364-5-56

Assemble the fitting analogously by step 1.2.

**Montage of the surface-mounted fitting**

Remove the cover and connection of power supply such as surface-mounted version

2.1, 2.2, 2.3, 2.4, 2.5

275mm, 50mm

Placing pictogram

3.1 Turn off the fitting power supply. Open fitting 1.1; 1.2.

3.2a, 3.2b

3.3

LEDs indicator

Turn on the fitting power supply.

**Power supply connction 1.5**

**ATTENTION: Phase L1 MUST BE unhook phase L.**

Having connected the power supply diode LED should lit up that signalizes that the battery is being charged.

AB terminals for connecting remote testing devices - version ST  
 L - phase wire - isolation color: brown (constant phase - power supply of emergency module)  
 L1 - phase wire - isolation color: black (daily operation)  
 N - neutral wire - isolation color: blue

Making the test by:  
 ST - shorting terminals A and B

**Light source exchange**

4.1 Turn off the fitting power supply. Open fitting 1.1; 1.2.

4.2, 4.3, 4.4, 4.5, 4.6, 4.7

Light source

Bent up

4.7 Insert new light source and close fitting analogously to step 4.6÷4.2 and 1.2. Turn on the fitting power supply.

**Wymiana akumulatora Battery exchange**

<ol style="list-style-type: none"> <li>Turn off the fitting power supply.</li> <li>Remove the frame in analogy to step 2.3 (only for Surface mounted fitting).</li> <li>Remove cover step 1.1 and 1.2.</li> <li>Disconnect the battery plug from the module form analogously to step 1.8.</li> </ol>	<ol style="list-style-type: none"> <li>Put in a new battery.</li> <li>Mark on the battery the date of its exchange.</li> <li>Connect battery step 1.8.</li> <li>Assemble the fitting analogously to step 1.2.</li> <li>Turn on the fitting power supply.</li> </ol>
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**First start-up**  
 Taking into account construction of battery it is recommended to initiate first charging constantly for 48 hours. During first charging it is forbidden to carry out any test or switch on emergency mode. After charging time, emergency mode should be switched on (disconnecting power supply-line L). Emergency lighting kit should work until its entire discharging. Formatting cycle is completed by switching on the power supply and again charging for minimum 36 hours.