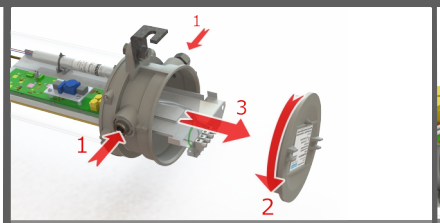
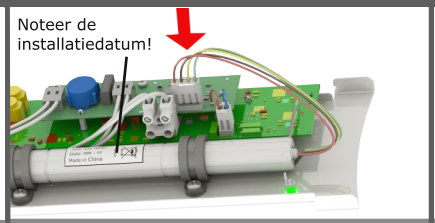
Montage & Service Handleiding Explosionproof

Famostar emergency lighting

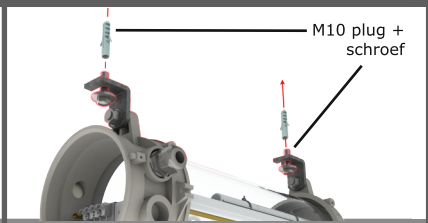
MONTAGE



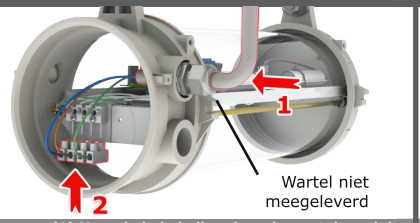
1 (1) Monteer de wartel met ring en de sluitdop in de gewenste doorvoeropeningen.
(2) Draai de deksel van de armatuur.
(3) Demonteer de aardeverbinding en de reflector.



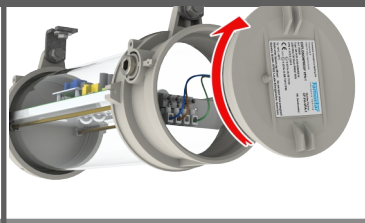
2 (1) Plaats bij de wandversies een pictogram. Zie Onderhoud stap 4.
(2) Sluit de accustekker aan op de accuplug.



3 (1) Monteer de reflector weer en sluit de aardeverbinding aan.
(2) Bevestig de armatuur op de muur of het plafond.

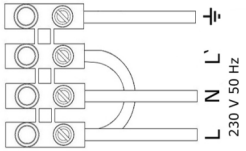


4 (1) Voer de bekabeling door de wartel en sluit de bedrading aan op de kroonsteen. Zie het aansluitschema.
(2) Plaats de kroonsteen op de connector.

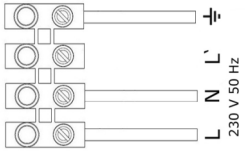


5 Draai de deksel op de armatuur.

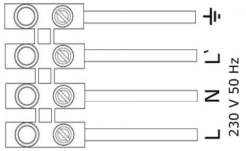
AANSLUITSCHEMA



VPA-1 (Permanent)



VPA-1 (Niet permanent)



VPA-1 (Schakelbaar)

Voor DALI versies: zie DALI manual.

TESTSCHEMA

STATUSINDICATIE:

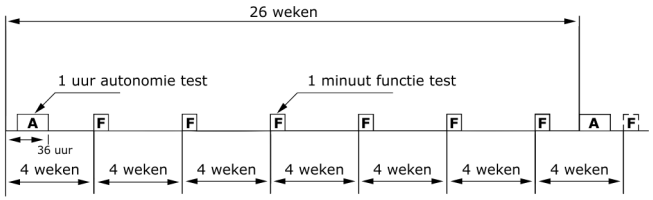
- Normaal / Accu wordt opgeladen
- 1 Autonomie niet gehaald
- 2 Accu Storing
- 3 Led storing
- 4 Elektronica storing

ATS CYCLUS:

Automatisch

Test

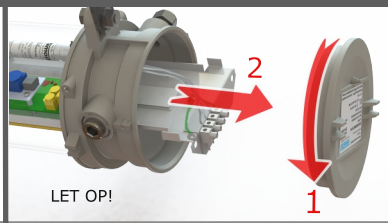
Systeem



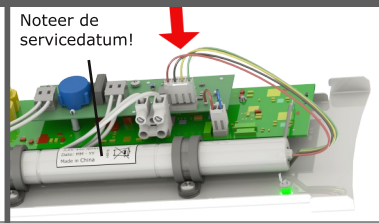
ONDERHOUD



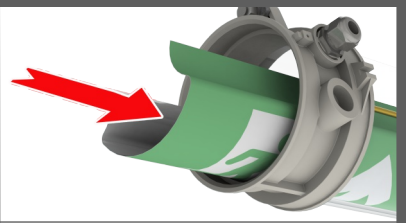
1 Reinig de armatuur elk jaar met een vochtige doek zonder schoonmaakmiddelen.
Houd het logboek up-to-date na inspectie.
Onderhoud volgens ISSO publicatie 79.



2 (1) Niet onder spanning openen.
(2) Bij onderhoud van de armaturen de ATEX voorzorgsmaatregelen in acht nemen.
(3) Gebruik alleen originele onderdelen.



3 Vervang de accu elke 4 jaar of als de autonomietest niet wordt gehaald.
Noteer de servicedatum op de sticker van de nieuw geplaatste accu.



4 Schuif het pictogram in de armatuur en positioneer het op z'n plek.

SPECIFICATIES

Type	Spanning	Opgenomen vermogen*	Stroom*	Power factor
EXPLOSIONPROOF VPA-1	230 V / 50 Hz	7 W	50 mA	0,6
EXPLOSIONPROOF V-230	230 V / AC/DC	7,5 W	65 mA	0,5
EXPLOSIONPROOF WPA-1	230 V / 50 Hz	2 W	17 mA	0,5
EXPLOSIONPROOF WP-230	230 V / AC/DC	0,7 W	7 mA	0,4

*maximale waardes bij ingeschakelde lichtbron en niet volledig geladen accu

Montage en onderhoud dienen uitgevoerd te worden door opgeleid personeel. Montage en/of gebruik in afwijking van de specificaties kan (levens)gevaarlijk zijn door o.a. elektrische schok en/of brand.

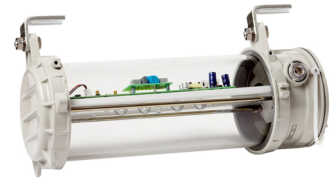
CE 2004 Ex

ATEX Keurmerk	II 2G Ex db IIB T6 Gb II 2D Ex tb IIIB T85°C IP66

Voor uitgebreide ATEX-instructies, zie de meegeleverde 'ATEX Handleiding'

Montage	Op normaal ontvlambare oppervlaktes
Alleen voor vaste aansluiting	Gebruik alleen goedgekeurde kabel
Temperatuurbereik	+5 °C tot +40 °C
Afmetingen	Zie www.famostar.nl
Autonomie	1 uur
Lichtbron	Led
Testsysteem	Automatisch Test Systeem (IEC 62034)
Accu	3,6V 1,25 Ah NiMH (aanduiding) / 3,6 V 4 Ah NiMH (verlichting)
Beschermingsklasse	IP66
Isolatieklasse	Klasse I, toestellen moeten geaard worden
Materiaal	Metaal & Borosilicaatglas

Garantie, toebehoren en verdere informatie zie www.famostar.nl.



Noodverlichting

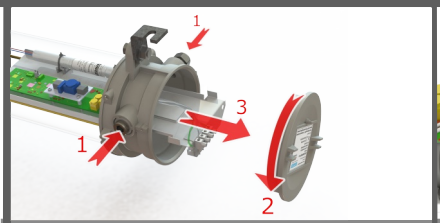


Vluchtwegaanduiding

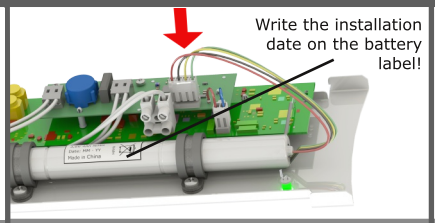
Mounting & Service Manual Explosionproof

Famostar emergency lighting

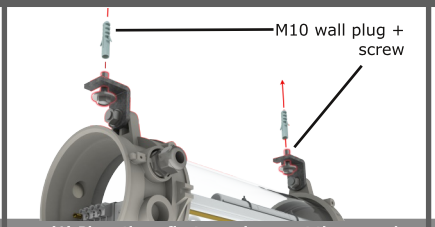
MOUNTING



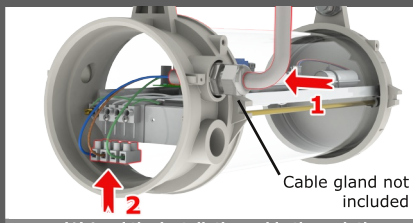
1 (1) Mount the cable gland with seal and the plug in the desired tapped holes.
(2) Unscrew the cap of the luminaire.
(3) Remove the ground cable and the reflector.



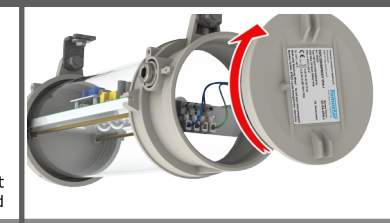
2 (1) For the signage luminaires, place the pictogram. See Service step 4.
(2) Put the battery connector in position.



3 (1) Place the reflector and connect the ground.
(2) Mount the luminaire on the wall or ceiling.

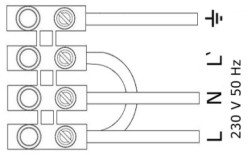


4 (1) Lead the installation cable through the cable gland and connect the wires to the connector according the wiring diagram.
(2) Place the connector.

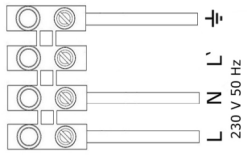


5 Screw the cap on the luminaire.

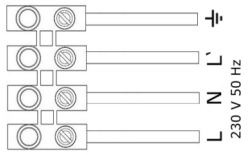
WIRING DIAGRAM



VPA-1 (Maintained)



VPA-1 (Non - Maintained)



VPA-1 (Switchable)

For DALI version: see DALI manual.

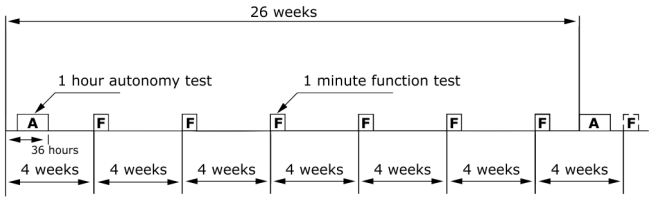
TESTING

STATUS INDICATION:

- Normal / Battery is being charged
- 1 Required autonomy not achieved
- 2 Battery failure
- 3 Led failure
- 4 Electronic failure

ATS CYCLE:

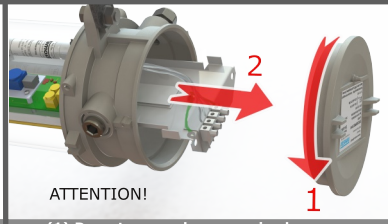
Automatic Test System



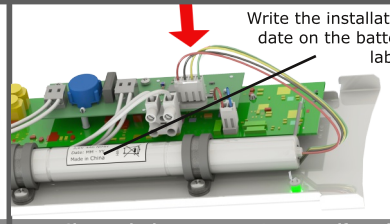
SERVICE



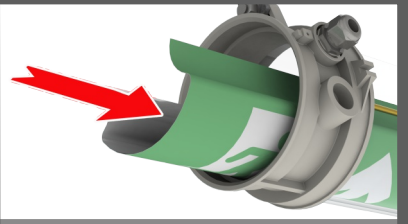
1 Clean the luminaire every year with a damp cloth without cleaning liquids.
Keep the logbook up-to-date after inspection.
Maintenance according ISSO publication 79.



2 (1) Do not open when energized.
(2) Luminiares with battery supply maintenance under special ATEX precautions.
(3) Maintenance only with original parts.



3 Change the battery every 4 years or if required autonomy isn't achieved. Write the date of service on the battery label of the new installed battery.



4 Position the pictogram into the luminiar by folding it a bit together.

SPECIFICATION

Type	Voltage	Power consumption*	Current*	Power factor
EXPLOSIONPROOF VPA-1	230 V / 50 Hz	7 W	50 mA	0,6
EXPLOSIONPROOF V-230	230 V / AC/DC	7,5 W	65 mA	0,5
EXPLOSIONPROOF WPA-1	230 V / 50 Hz	2 W	17 mA	0,5
EXPLOSIONPROOF WP-230	230 V / AC/DC	0,7 W	7 mA	0,4

*maximum values at switched-on light source and not fully charged battery

Installation and maintenance to be carried out by qualified personnel only. Installation and/or use in deviation from the specifications can be dangerous or life-threatening due to electrical shock and/or fire.

CE 2004 Ex

ATEX Marking	II 2G Ex db IIB T6 Gb II 2D Ex tb IIIB T85°C IP66

For the ATEX-instructions, please read the added 'ATEX Manual'

Mounting	Installation on normal flammable surfaces
Only for fixed mounting	Only use approved cables
Temperature range	+5 °C till +40 °C
Dimensions	See www.famostar.nl
Autonomy	1 hour
Light source	LED
Testsystem	Automatic Test System (IEC 62034)
Battery	3,6V 1,25 Ah NiMH (signage) / 3,6 V 4 Ah NiMH (lighting)
Protection rate	IP66
Insulation class	Class I, ground connection needed
Material	Steel & Borosilicateglass

Warranty, accessories and further information see www.famostar.nl.



Emergency Lighting



Escape Route Signage