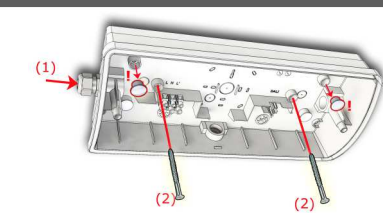




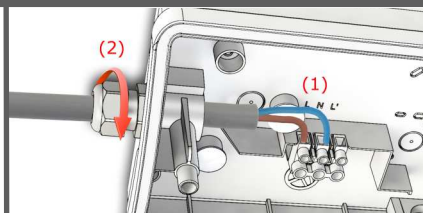
Montage & Service Handleiding Pro Noodverlichting

Famostar
emergency lighting

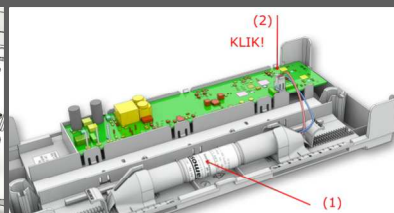
MONTAGE



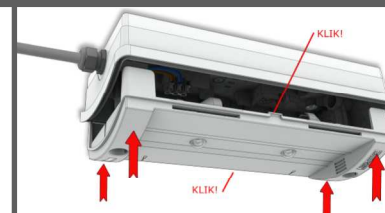
1 (1) Bevestig de wartel aan de gewenste zijde.
(2) Bevestig de montagebak, LET OP! Plaats de afdichtingsdoppen op de gebruikte schroefgaten!



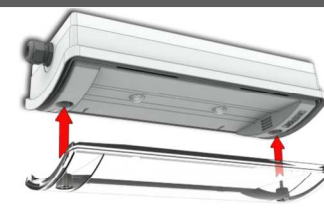
2 (1) Voer de aansluitkabel door de wartel. Sluit de bedrading aan op de kroonsteen. Zie het aansluitschema.
(2) Draai de wartel aan.



3 (1) Noteer de installatiedatum op de accustekker.
(2) Sluit de accustekker aan op de accuplug.



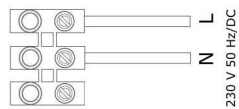
4 Druk de reflector in de montagebak.



5 Positioneer de lichtkap op de montagebak. Draai de twee SW3-inbusschroeven vast.

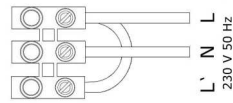
AANSLUITSCHEMA

V-230



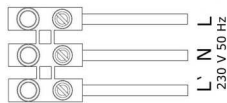
Centraal gevoed

VPA-1



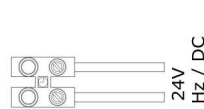
Permanent

VPA-1



Schakelbaar

V-24

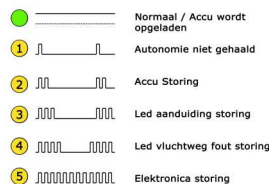


24V

Voor DALI uitvoering:
zie DALI handleiding.

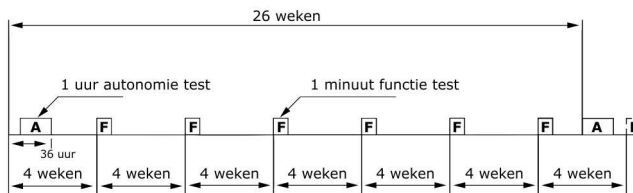
TESTSCHEMA

STATUSINDICATIE:



ATS CYCLUS:

Automatisch
Test
Systeem



ONDERHOUD



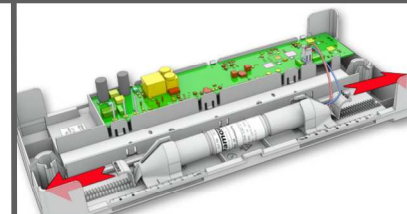
1 Reinig de armatuur elk jaar met een vochtige doek zonder schoonmaakmiddelen. Houd het logboek up-to-date na inspectie. Onderhoud volgens ISSO publicatie 79.



2 Draai beide SW3-inbusschroeven los. Neem de lichtkap van de montagebak.



3 Verwijder de reflector uit de montagebak. Gebruik eventueel een schroevendraaier op de aangegeven locaties.



4 Vervang de accu elke 8 jaar of als de autonomie-test niet wordt gehaald. Noteer de servicedatum op de sticker van de nieuw geplaatste accu. Vervang de pakkingen.

SPECIFICATIES

Type	Spanning	Opgenomen vermogen*	Stroom*	Power factor
Pro VPA-1	230 V / 50 Hz	4 W	35 mA	0,5
Pro V-230	230 V AC/DC	3,5 W	30 mA	0,5
Pro Plus VPA-1	230 V / 50 Hz	6,5 W	55 mA	0,5
Pro Plus V-230	230 V AC/DC	7,5 W	65 mA	0,5
Pro V-24	24 V AC/DC	3W	160 mA	0,8
Pro Plus V-24	24 V AC/DC	7W	340 mA	0,8

*maximale waarden 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.

Montage	Op normaal ontvlambare oppervlaktes
Alleen voor vaste aansluiting	Aansluiten met XMVK, YMKV of gelijkwaardig
Temperatuurbereik	0°C tot +35°C, incidenteel -20°C tot +35°C (V-230/V -20°C tot +40°C)
Afmetingen	Zie www.famostar.nl
Autonomie	1 uur
Lichtbron	Led, niet door de klant uitwisselbaar!
Lichtstroom	Pro 215 lumen en Pro Plus 415 lumen (noodbedrijf)
Accu	3,6 V 2,2 Ah NiMH (Pro) / 3,6 V 4,0 Ah NiMH (Pro Plus)
Beschermingsklasse	IP65, IP66 en IK10
Teststelsysteem	Automatisch Test Systeem (IEC 62034)
Isolatieklasse	Klasse II, toestellen hoeven niet geaard te worden
Keurmerk	ENEC Kema-Keur (IEC 60598-2-22)
Materiaal	PC-ABS

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



Pro



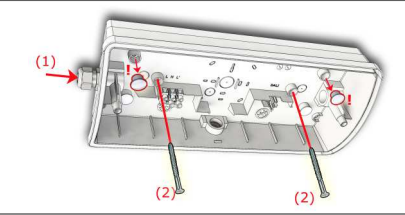
Pro Plus



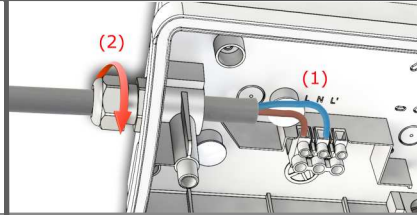
Mounting & Service Manual Pro Emergency Lighting

Famostar
emergency lighting

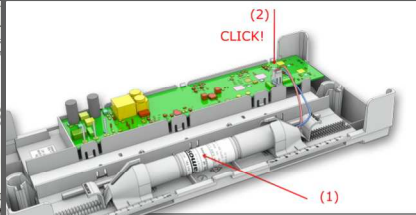
MOUNTING



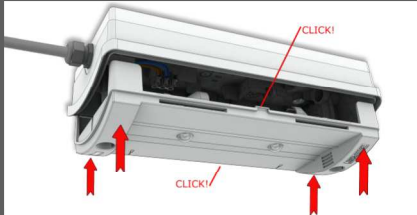
- (1) Screw in the cable gland.
(2) Mount the mounting box. **ATTENTION!** Place the screw caps on the chosen screw holes!



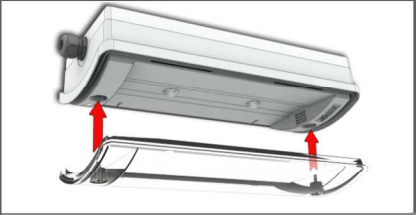
- (1) Connect the wiring according to the wiring diagram.
(2) Tighten the cable gland.



- (1) Write the installation date on the battery label.
(2) Put the battery connector in position.



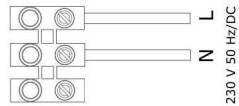
- Click the reflector in the mounting box.



- Place the light cover on the mounting box. Tighten the two SW3 socket head screws.

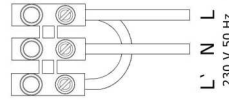
WIRING DIAGRAM

V-230



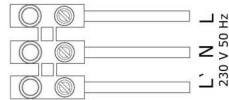
Non-Maintained or centrally supplied

VPA-1



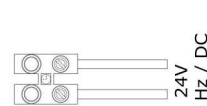
Maintained

VPA-1



Switchable

V-24



24V

For DALI version:
see DALI manual.

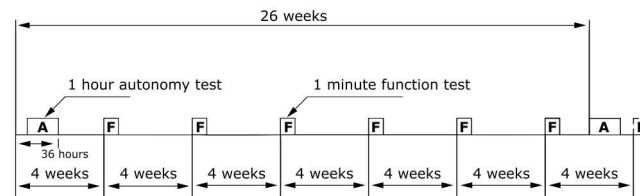
TESTING

STATUS INDICATION:

- Normal / Battery is being charged
- Required autonomy not achieved
- Battery failure
- Led signage failure
- Led escape route failure
- Elektronic failure

ATS CYCLE:

Automatic
Test
System



SERVICE



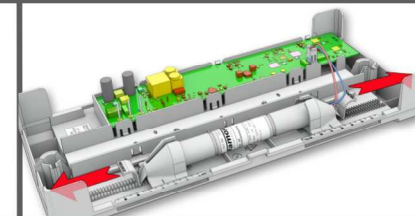
- Clean the luminaire every year with a damp cloth without cleaning liquids. Keep the logbook up-to-date after inspection. Maintenance according ISSO publication 79.



- Loosen both SW3 socket head screws. Remove the light cover.



- Remove the reflector from the mounting box. Use, optional, a screwdriver on the marked positions.



- Change the battery every 8 years or if required autonomy isn't achieved. Write the date of service on the label of the new installed battery. Replace the gaskets.

SPECIFICATION

Type	Voltage	Power consumption*	Current*	Power factor
Pro VPA-1	230 V / 50 Hz	4 W	35 mA	0,5
Pro V-230	230 V AC/DC	3,5 W	30 mA	0,5
Pro Plus VPA-1	230 V / 50 Hz	6,5 W	55 mA	0,5
Pro Plus V-230	230 V AC/DC	7,5 W	65 mA	0,5
Pro V-24	24 V AC/DC	3W	160 mA	0,8
Pro Plus V-24	24 V AC/DC	7W	340 mA	0,8

*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.

Mounting	Installation on normal flammable surfaces
Only for fixed mounting	Use XMVK, YMVK or equivalent
Temperature range	0°C till +35°C, occasionally -20°C till +35°C (V-230/V -20°C till +40°C)
Dimensions	See www.famostar.nl
Autonomy	1 hour
Light source	LED, non user-replaceable!
Rated lumen output	Pro 215 lumen and Pro Plus 415 Lumen (emergency lighting)
Battery	3,6 V 2,2 Ah NiMH (Pro) / 3,6 V 4,0 Ah NiMH (Pro Plus)
Protection rate	IP65, IP66 and IK10
Testsystem	Automatic Test System (IEC 62034)
Insulation class	Class II, double insulated (no ground connection needed)
Marking	ENEC Kema-Keur (IEC 60598-2-22)
Material	PC-ABS
Warranty, accessories and spacing tables and further information see www.famostar.nl .	



Pro



Pro Plus