



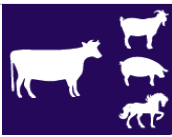


Agribox Small (ENG)

Agribox S

Technische specificaties	Technical specifications	Spécification technique	Technische Specificationen
NL	ENG	FR	DE

Date : 1-3-2014
version : 01

  	 
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NL	ENG	FR	DE	
Spanning	Main voltage	Tension	Spannung	230V(AC) (1F + N + PE)
Frequentie	Frequency	Fréquence	Frequenz	50 / 60 Hz
Stroom	Current	Courant	Strom	NA
Inschakelpiek	Inrush current	Pic de courant	Einschalt strom	NA
Vermogen	Power	Puissance	Leistung	Max. (12x250W) or max. (8x400W) Nightlight max. 900W
Arbeidsfactor	Power factor	Facteur de puissance	Wirkungsgrad	NA
Efficiëntie	Efficiency	Efficacité	Effizienz	NA
Kleurtemperatuur	color temperature	Température de couleur	Farbtemperatur	NA
Kleurweergave	Color rendering index	rendu des couleurs	Farbwiedergabe	NA
Dimbaar	Dimming function	Gradable	Dimmbar	nee / no / non / nein
Dimsignaal	Dimming signal	électronique variable	Dimmsignal	NA
IP beschermingsgraad	IP class	Protection	Schützungsgrad	IP 65
Temperatuur bereik	Temperature	Température	Temperatur	- 20°C ~ + 40°C
Afmeting artikel	Size article	Taille article	Abmessung Artikel	L x B/W x H = 380 x 260 x 130mm
Afmeting verpakking	Packing dimensions	Dimensions de l'emballage	Packmaß	L x B/W x H = x x mm
Gewicht artikel	Weight article	Article poids	Gewicht artikel	2,66kg
Gewicht incl. verpakking	Weight including packaging	Poids avec emballage	Gewicht mit verpackung	kg
Max. kabeldiameter	Maximum cable diameter	Diamètre maximum du câble	Maximale Kabeldurchmesser	4mm ²
Striplengte aansluiting	Stripping lenght connection	Longueur dénudage Raccordement	Abisolierlänge Anschluss	9 mm
Aandraaimoment	Torque	Force de serrage	Drehmoment	NA
Levensduur (branduren lamp)	Lifetime (burning hours bulb)	Durée de vie (durée de vie ampoule)	Lebensdauer (Betriebsstunden der Lampe)	NA
Garantie (jaar)*	Warranty (year)*	Garantie (année)*	Garantie (Jahr)*	1
* zie garantie voorwaarden	* see warranty conditions	* Voir conditions de garantie	* Siehe Garantiebedingungen	



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Agribox Small (ENG)

Agribox S

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NL	ENG	FR	DE

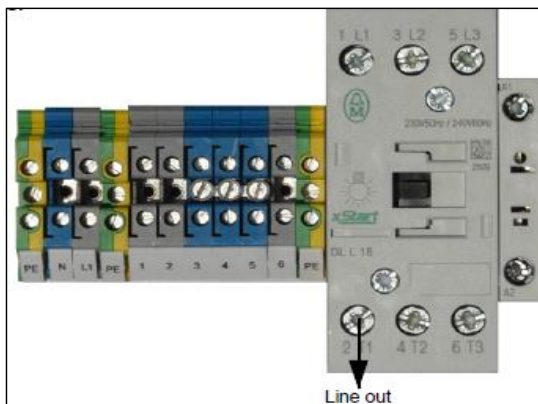
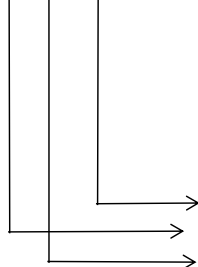
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Algemene opmerkingen	General comments	observations générales	Allgemeine Bemerkungen
<p>Wij behouden ons recht om wijzigen in tekst, tekeningen en schema's zonder voorafgaande kennisgeving door te voeren.</p> <p>Indien onderstaande instructies, veiligheidsvoorschriften en waarschuwingen niet worden opgevolgd, kan dit leiden tot zwaar of dodelijk persoonlijk letsel en tot schade aan de installatie</p>	<p>We reserve the right to make changes to text, drawings and shemes without prior notice.</p> <p>Any failure to comply with the following instructions, safety instructions and warnings, may result in serious or lethal personal injury and to material damage to the installation</p>	<p>Se réserve le droit de modifier le texte, les schémas, les graphiques et autres sans avis préalable</p> <p>Si les consignes de sécurité, les avertissements et les instructions ne sont pas respectées, cela peut susciter des accidents graves voire mortels et endommager l'installation.</p>	<p>Wir behalten uns das Recht vor, ohne vorherige Ankündigung Änderungen an Text, Zeichnungen und Grafiken u. A. vorzunehmen</p> <p>Wenn die unten stehenden Anweisungen, Sicherheitsanweisungen und warnungen nicht eingehalten werden, kann dies zu schweren Verletzungen, sogar mit Todesfolge, führen und zu Schäden an der Anlage</p>

Installatie tekening	Installation Schedule	Calendrier d'installation	Installation Zeitplan
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Klemko



PE	Line in PE	Earth connection input
N	Line in N	Null (neutral) connection input
L1	Line in L	Phase input
PE	PE Line Out	Earth connection output
1	Klemko-1 out L1	Twilight sensor Phase
2	Klemko-1 Load	Twilight sensor "load"
3	Klemko out N	Twilight sensor Null
4	Line out N	Output Null
5	Night N	Nightlight Null
6	Night L	Nightlight Phase
PE	Night PE	Earth connection night-lighting



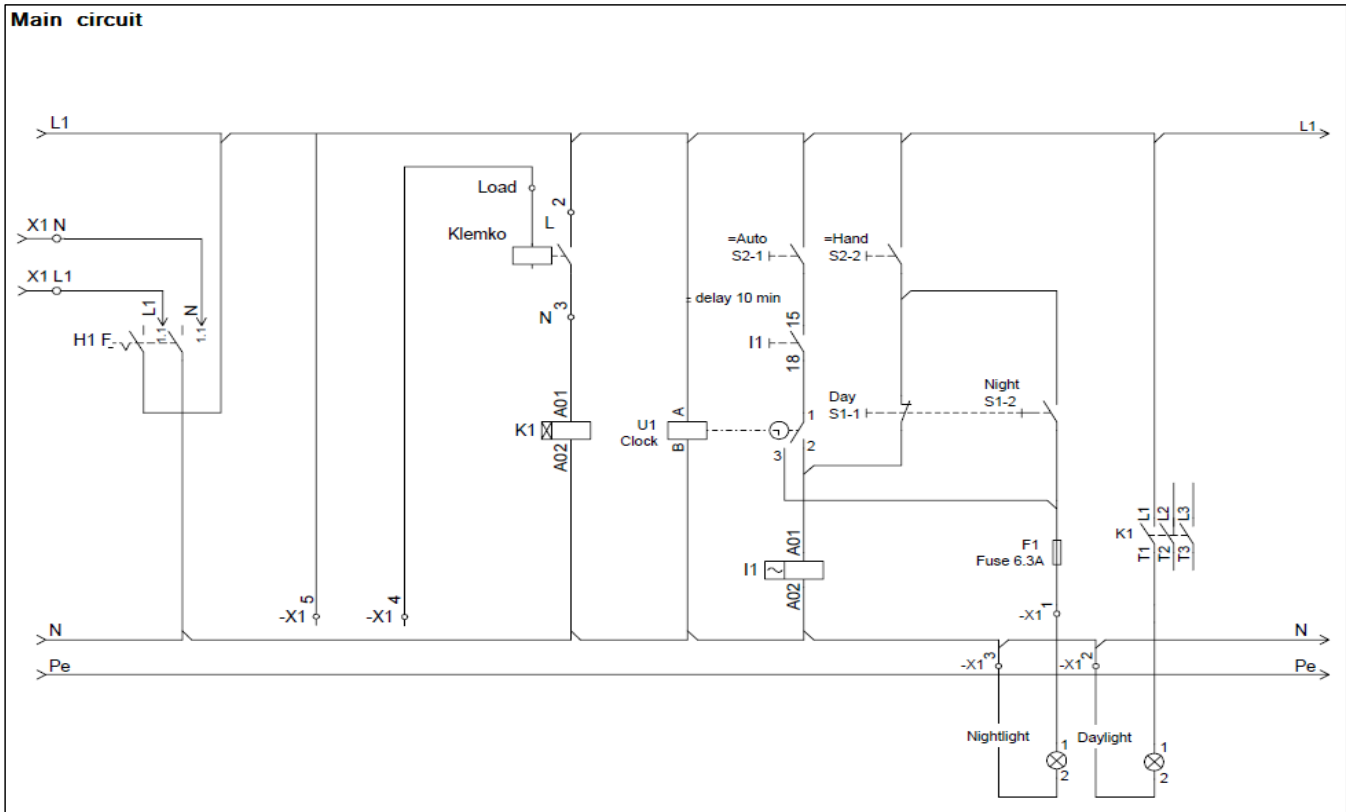
Agribox Small (ENG) Agribox S

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NL	ENG	FR	DE

Date : 1-3-2014
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Electrical control circuit Agribox Small

Main circuit



Klemko settings

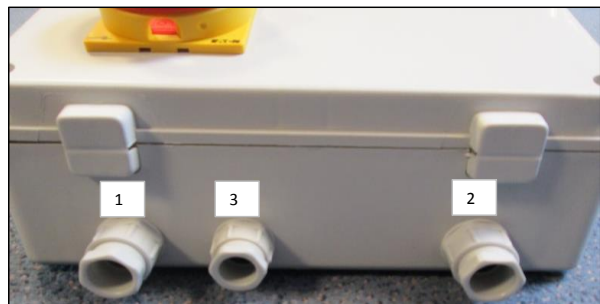
Setting the luminance level

The amount of light detected by the Klemko twilight sensor can be set by turning the [A] button on the front.

Turning the button towards the sun pictogram increases the sensitivity of the sensor.

Turning the button towards the moon pictogram decreases the sensitivity of the sensor.

The twilight sensor is activated as soon as the red LED [B] lights up.



1. Input power supply
2. Group 1 to fixtures
3. Input Twilight sensor



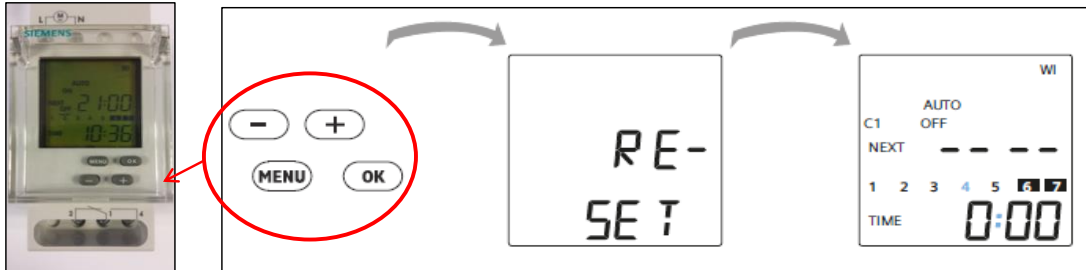
Agribox Small (ENG) Agribox S

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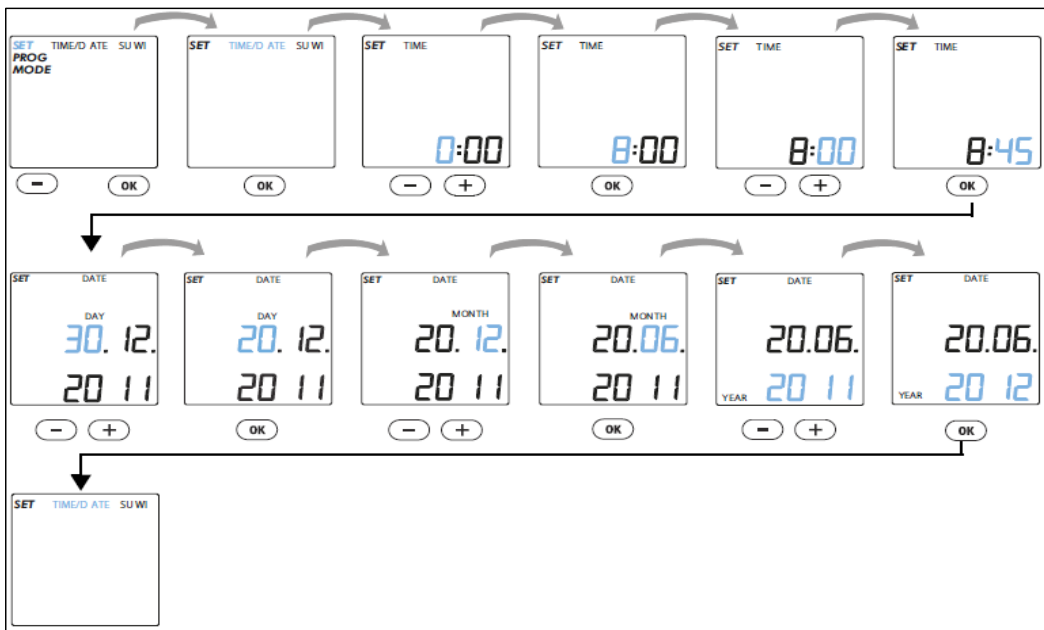
Date : 1-3-2014
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Settings clock and program

Reset klok:



Instellen datum em tijd:



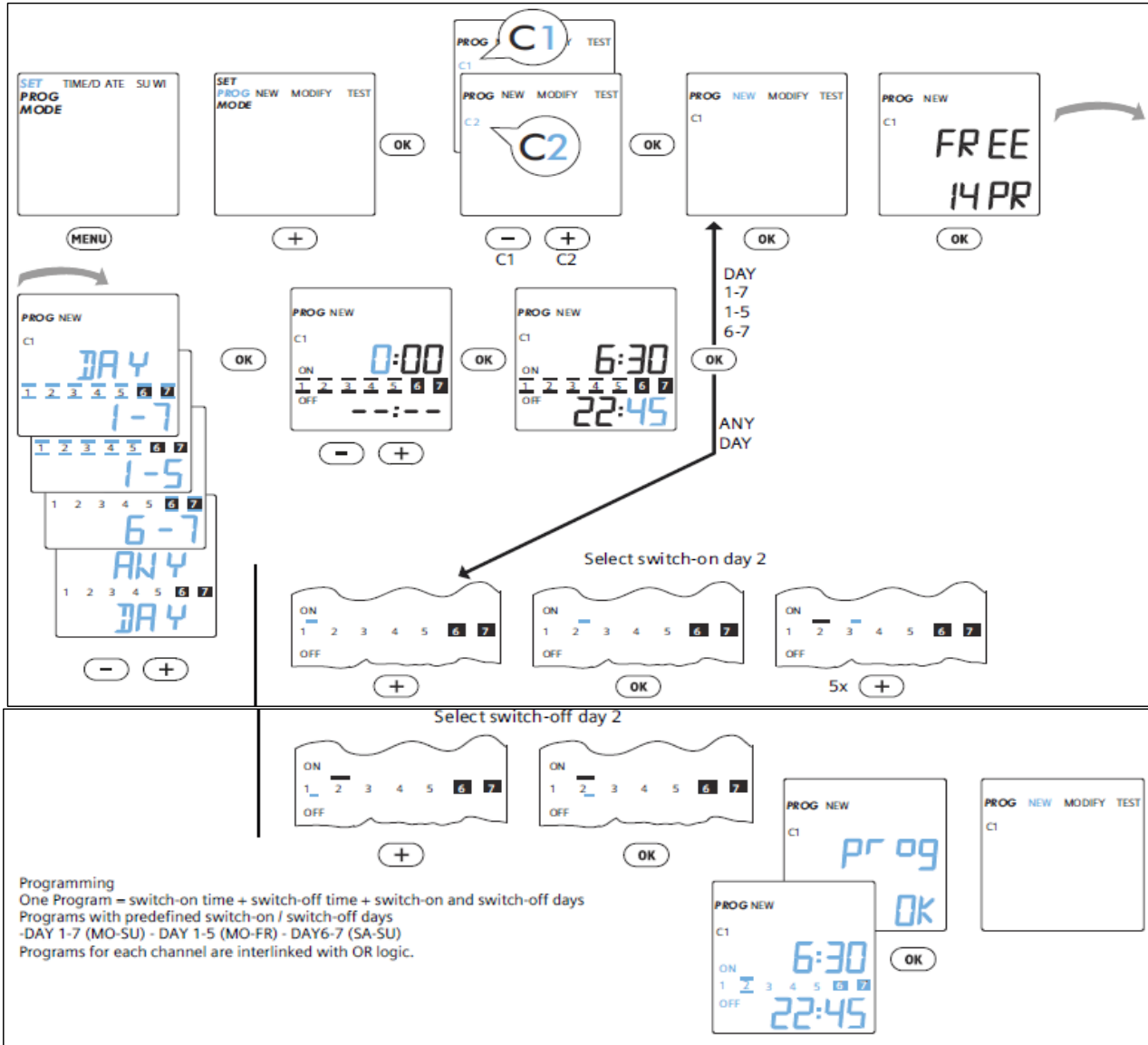
Agribox Small (ENG)

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Settings program



Agribox Small (ENG)

Agribox S

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Manual switches

Agribox Small



A = Day – Off – Night switch
B = On – Off – Auto switch

Auto-switching

In order for the cabinet to operate automatically, the selector switch must be set to the "On-Off-Auto" "Auto" position. The timer clock switches the lighting automatically in conjunction with the Klemko twilight sensor.



Caution: When operating in Autoswitch mode, the "Day-Off-Night" switch must always be in the "Off" position.

Manual Switching

In order for the cabinet to be operated manually, the selector switch must be set to the "On-Off-Auto" "On" position. The "Day-Off-Night" button can then be used for manual switching:

- *Day*: daytime lighting ON
- *Off*: all lights OFF
- *Night*: night lighting ON

When the switch is set manually to the "On-Off-Auto" "Off" position, all lights will switch off.

The night-lighting does not switch on/off automatically; it must be switched on/off manually using the Day-Night switch.



Caution: When the switch is set to manual, there must be a delay of 10 minutes between switching off and switching on again. This is to prevent permanent damage to the lights if they were to be switched on within a 10 minute period.

The main switch is intended for switching the Agribox unit on and off and not for switching the lighting in the livestock pens on and off. When in use, always leave the main switch in the I ("ON") position.

1. Position **I** ("ON") = Agribox switched on.
2. Position **O** ("OFF") = Agribox switched off.



The main switch can be locked.

Always switch the main switch off (O = "OFF") before commencing with service or maintenance activities on the Agribox or lighting installation.

Always lock or secure the main switch, for example with the use of a padlock, to ensure that it cannot be switched on unintentionally!



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BRIGHT BY NATURE

Agribox Small (ENG)

Agribox S

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version : 01

Maintenance and Malfunctions

Maintenance



Disconnect the Agribox from the power supply before performing maintenance on the Agribox!

Agrilight BV recommends that you have your Agribox serviced once a year by a certified technician to test operation and to check all fixtures and connections.

In order to retain the amount of lighting, you are advised to check the condition of the lights and the sensor and to clean the armatures and the display of the twilight sensor.

Malfunctions



When checking malfunctions, be aware of the risk of electrically live components. Although the Agribox is designed with safety in mind and is earthed, hazards due to malfunctions can never be excluded.

Only certified technicians are permitted to handle the electrical installation or to perform measurements on the unit.

Control Cabinet/Lighting malfunctions:

- Check that the Agribox main switch is in the I ("ON") position;
- If applicable: check that the Agribox X main switch is in the I ("ON") position;
- Check that the 3-way switch is not on the "OFF" position;
- Check that the display of the twilight sensor is not soiled or dirty;
- Check that power supply fuses and/or ceramic fuses of the Agribox;
- Ensure that there is a power supply available;
- Check and/or replace the light(s).

If the control still doesn't operate correctly:



Always disconnect the Agribox before opening the plastic cover (turn the main switch and lock it). Be aware of and prevent any accidental activation by others or by an automated control and/or dimmer switch. In the event of a malfunction, never touch the Agribox whilst the power supply is still connected or if the casing of the Agribox is damaged or wet.

- Check the wiring in the control cabinet(s).



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Agribox Medium (ENG)

Agribox M

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NL	ENG	FR	DE

Date : 1-3-2014
version : 01

  	 
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NL	ENG	FR	DE	
Spanning	Main voltage	Tension	Spannung	230 - 400 V(AC) (3F + N + PE)
Frequentie	Frequency	Fréquence	Frequenz	50 / 60 Hz
Stroom	Current	Courant	Strom	NA
Inschakelpiek	Inrush current	Pic de courant	Einschalt strom	NA
Vermogen	Power	Puissance	Leistung	Nightlight max. 900W
Arbeidsfactor	Power factor	Facteur de puissance	Wirkungsgrad	NA
Efficiëntie	Efficiency	Efficacité	Effizienz	NA
Kleurtemperatuur	color temperature	Température de couleur	Farbtemperatur	NA
Kleurweergave	Color rendering index	rendu des couleurs	Farbwiedergabe	NA
Dimbaar	Dimming function	Gradable	Dimmbar	nee / no / non / nein
Dimsignaal	Dimming signal	électronique variable	Dimmsignal	NA
IP beschermingsgraad	IP class	Protection	Schützungsgrad	IP 65
Temperatuur bereik	Temperature	Température	Temperatur	- 20°C ~ + 40°C
Afmeting artikel	Size article	Taille article	Abmessung Artikel	L x B/W x H = 380 x 260 x 130mm
Afmeting verpakking	Packing dimensions	l'emballage	Packmaß	L x B/W x H = x x mm
Gewicht artikel	Weight article	Article poids	Gewicht artikel	3,43kg
Gewicht incl. verpakking	packaging	Poids avec emballage	Gewicht mit verpackung	kg
Max. kabeldiameter	Maximum cable diameter	câble	Kabeldurchmesser	4mm ²
Striplengte aansluiting	connection	Raccordement	Abisolierlänge Anschluss	9 mm
Aandraaimoment	Torque	Force de serrage	Drehmoment	NA
lamp)	bulb)	vie ampoule)	(Betriebstunden der	NA
Garantie (jaar)*	Warranty (year)*	Garantie (année)*	Garantie (Jahr)*	1
voorwaarden	conditions	garantie	Garantiebedingungen	



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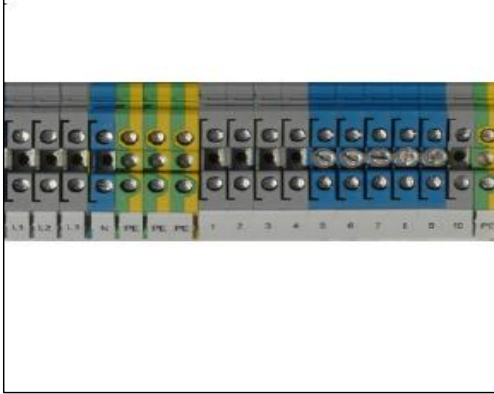
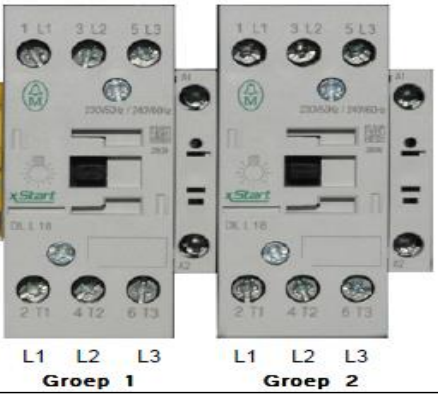
Agribox Medium (ENG)

Agribox M

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Algemene opmerkingen	General comments	observations générales	Allgemeine Bemerkungen
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Installatie tekening	Installation Schedule	Calendrier d'installation	Installation Zeitplan																																																						
 <p>2x Klemko</p>			<table border="1"> <tr><td>L1</td><td>Line in L1</td><td>Phase 1 input</td></tr> <tr><td>L2</td><td>Line in L2</td><td>Phase 2 input</td></tr> <tr><td>L3</td><td>Line in L3</td><td>Phase 3 input</td></tr> <tr><td>N</td><td>Line in N</td><td>Null (neutral) connection input</td></tr> <tr><td>PE</td><td>Line in PE</td><td>Earth connection input</td></tr> <tr><td>PE</td><td>PE Line out 1</td><td>Earth connection input Group 1</td></tr> <tr><td>PE</td><td>PE Line out 2</td><td>Earth connection input Group 2</td></tr> <tr><td>1</td><td>Klemko-1 out L1</td><td>Twilight Sensor 1 Phase</td></tr> <tr><td>2</td><td>Klemko-2 out L1</td><td>Twilight Sensor 2 Phase</td></tr> <tr><td>3</td><td>Klemko-1 Load</td><td>Twilight Sensor 1 output 'load'</td></tr> <tr><td>4</td><td>Klemko-2 Load</td><td>Twilight Sensor 2 output 'load'</td></tr> <tr><td>5</td><td>Klemko-1 out N</td><td>Twilight Sensor 1 Null</td></tr> <tr><td>6</td><td>Klemko-2 out N</td><td>Twilight Sensor 1 Null</td></tr> <tr><td>7</td><td>Lamp N out 1</td><td>Output Null group 1</td></tr> <tr><td>8</td><td>Lamp N out 2</td><td>Output Null group 2</td></tr> <tr><td>9</td><td>Night N</td><td>Night-lighting Null</td></tr> <tr><td>10</td><td>Night L1</td><td>Night-lighting Phase</td></tr> <tr><td>PE</td><td>Night PE</td><td>Earth connection night-lighting</td></tr> </table>	L1	Line in L1	Phase 1 input	L2	Line in L2	Phase 2 input	L3	Line in L3	Phase 3 input	N	Line in N	Null (neutral) connection input	PE	Line in PE	Earth connection input	PE	PE Line out 1	Earth connection input Group 1	PE	PE Line out 2	Earth connection input Group 2	1	Klemko-1 out L1	Twilight Sensor 1 Phase	2	Klemko-2 out L1	Twilight Sensor 2 Phase	3	Klemko-1 Load	Twilight Sensor 1 output 'load'	4	Klemko-2 Load	Twilight Sensor 2 output 'load'	5	Klemko-1 out N	Twilight Sensor 1 Null	6	Klemko-2 out N	Twilight Sensor 1 Null	7	Lamp N out 1	Output Null group 1	8	Lamp N out 2	Output Null group 2	9	Night N	Night-lighting Null	10	Night L1	Night-lighting Phase	PE	Night PE	Earth connection night-lighting
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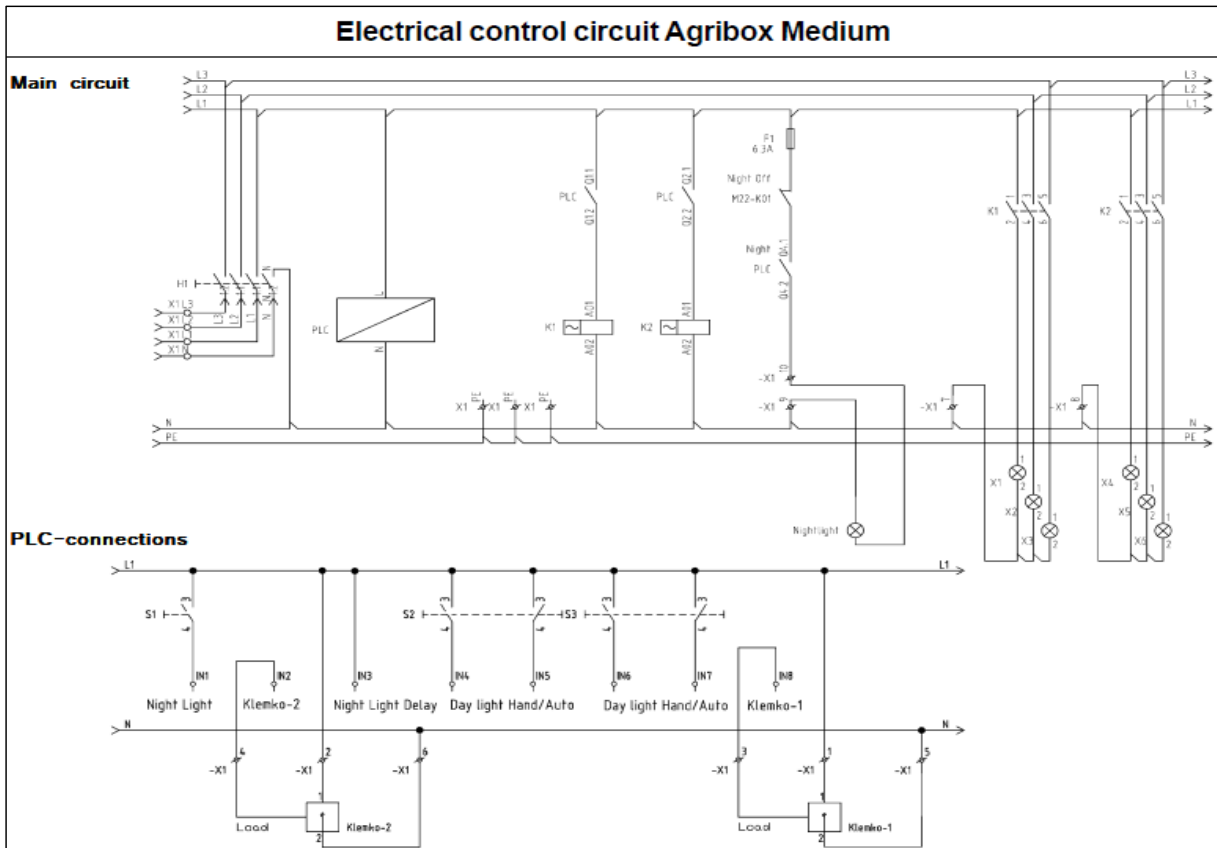
Agribox Medium (ENG)

Agribox M

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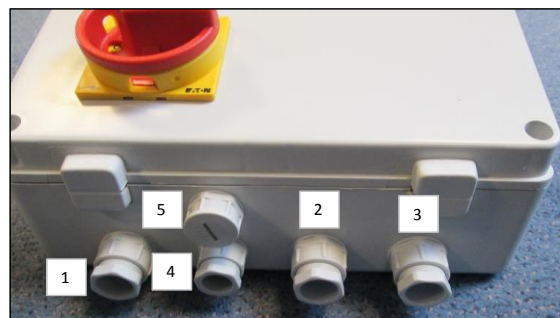
Elektrisch schema en lichtsensor/ Electrical scheme and light sensor



Klemko settings

Setting the luminance level

The amount of light detected by the Klemko twilight sensor can be set by turning the [A] button on the front. Turning the button towards the sun pictogram increases the sensitivity of the sensor. Turning the button towards the moon pictogram decreases the sensitivity of the sensor. The twilight sensor is activated as soon as the red LED [B] lights up.



1. Input power supply
2. Group 1 to fixtures
3. Group 2 to fixtures
4. Input lightsensor 1
5. Input lightsensor 2 (option)



Agribox Medium (ENG)

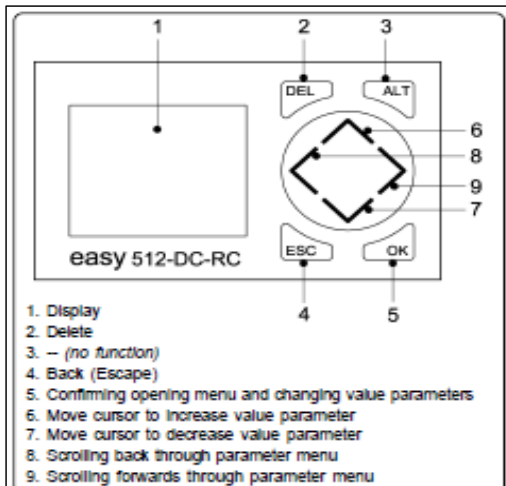
Agribox M

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Klok instellen en Klokprogramma

Attention: no "password" needed



Setting Time and Date

1. Press button
2. Press arrow to select 'Set Clock'
3. Press button
4. Press button again
5. Press button again
6. Set hours using arrow (+ 1 hour) and (-1 hour)
7. After setting the desired hour, press button to set minutes
8. Press (+1 min.) arrow and (-1 min.) to set minutes
9. Press button the time is now set
10. Press arrow to set date
11. Press button
12. Set the day parameter by using the arrow (+1 day) and (-1 day)
13. After setting the day parameter, use the arrow to set the month
14. Set the month parameter by using the arrow (+1 month) and (-1 month).
15. Press button
16. Press the arrow to set the year
17. Press button
18. Set the year parameter by using the arrow (+1 year) and (-1 year)
19. Press button



To leave the menu, keep pressing the button until Agrilight is displayed.

Clock program

The PLC has 3 pre-programmed clock programs
The fourth clock program can be freely programmed.

Options include:

Pr. 00000 = Clock program 1:
turn on lighting at 05:00 hrs, switch off at 21:00 hrs

Pr. 00001 = Clock program 2:
turn on lighting at 6.00 hrs, switch off at 22.00 hrs

Pr. 00002 = Clock program 3:
turn on lighting at 7.00 hrs, switch off at 23.00 hrs

Pr. 00003 = Clock program 4:
clock can be programmed as desired
[standard at 06:00 hrs-22:00 hrs].

These clock programs can be used to set seasonal lighting parameters.

Selecting clock program

1. Press the arrow and keep pressed for 10 seconds.
2. Then press the arrow or and keep pressed until the correct program is selected.

Changing clock times to set new time in clock program 4.

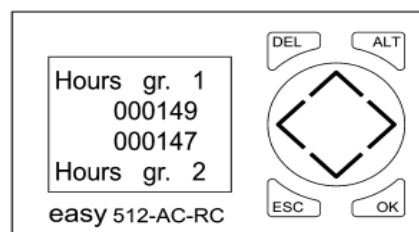
1. Press
2. Press arrow and select parameter
3. Press
4. Select clock 4
5. Press arrow or to select days, hours and minutes
6. Press to changes settings
7. Press or to make changes
8. Press to confirm changes
9. Press to return to the previous menu

Operating hours counter

Press arrow to view operating hours. The unit automatically displays the number of operating hours of Group 1, Group 2 and the night lighting.

Operating hours counter

Press arrow to view operating hours. The unit automatically displays the number of operating hours of Group 1, Group 2 and the night lighting.



After 30 secs. the display will automatically return to the main menu.

Safeguarding program

When switched on for the first time, it will take 10 minutes before the day-lighting can be switched on.

If the lights are on, the day-lighting can be switched off manually.

In emergency situations, always disconnect the unit from the power supply by using the yellow-red main switch.



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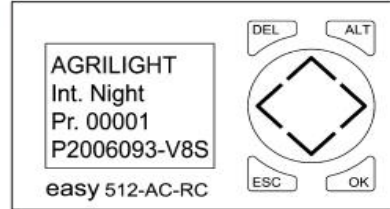
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Agribox M - Agriled Red

AgriLED Red® Armatures

Application of AgriLED Red®

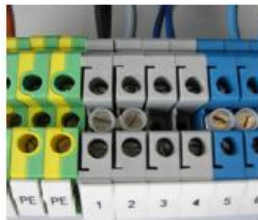
The cabinet is connected as standard for use with AgriLED Red® armatures, including red LED night-lighting. This includes a delay set to 10 minutes between switching the night-lighting on and off to prevent damage to the LEDs.
The display shows "Int. Night".



No AgriLED Red®

If another type of armature is used for the night-lighting (e.g. PL or TL fluorescent tube light armatures), then the night-lighting can be switched on and off automatically using clock time settings.

This can be changed by removing the grey wire between terminal 2 on the terminal strip and the PLC input 3 (I3).

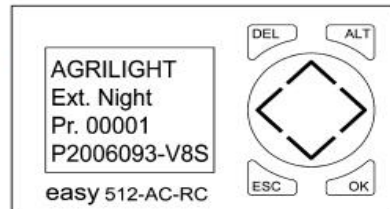


"Ext. Night" is now displayed on the PLC.

The night-lighting now switches on and off immediately at the preset time (night-time). However, the daytime lighting will be switched on in the morning with a short delay of 10 minutes if the twilight sensor(s) is/ are switched on.



If the AgriBox M is set to Ext. Night with the AgriLED Red® armatures connected, then the warranty on the armatures is no longer valid!



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Manual Switches

Agribox Medium



- A = On – Auto – Off – Night switch
- B = On – Off – Auto switch group 1 (Day 1)
- C = On – Off – Auto switch group 2 (Day 2)

Auto-switching 'Daytime lighting' (preferred setting)

Set groups 1 and 2 to "AUTO"

Daytime lighting of group 1 will switch on after the set value of twilight sensor 1 has been reached.

Daytime lighting of group 2 will switch on after the set value of twilight sensor 2 has been reached.

Manually switching 'Daytime Lighting'

Set the switch of one of the desired groups 1 or 2 to the "ON" position.

Group 1 will switch on immediately and if groups 1 and 2 are switched on together, group 2 will come on after a short delay of 50 seconds.



Caution: After switching a group off and immediately on again, there will be a pre-programmed delay of 10 minutes before the daytime lighting turns on again. This is to prevent damage to the lights.

Auto-switching 'Night Lighting'

Set Night-Switch manually to the "Auto" position.



Caution: In AgriLED armatures, there is a delay of 10 minutes when switching between night-time lighting and day-time lighting.

Manually switching 'Night Lighting'

Set Night-Switch manually to the "On" position. The night-lighting will now switch on immediately. The night-lighting can be switched off again by turning the switch to the "OFF" position.



Attention when using AgriLED armatures: if the unit is switched on shortly after the day-time lighting has illuminated, there will be an automatic delay of 10 minutes before the night-lighting is activated.



Attention: After switching on the night-lighting manually, this can be turned off again when leaving the livestock enclosure by setting the Night switch to the "Auto" or "Off" position.

The main switch is intended for switching the Agribox unit on and off and not for switching the lighting in the livestock pens on and off. When in use, always leave the main switch in the I ("ON") position.

1. Position I ("ON") = Agribox switched on.
2. Position O ("OFF") = Agribox switched off.



The main switch can be locked.

Always switch the main switch off (O = "OFF") before commencing with service or maintenance activities on the Agribox or lighting installation.

Always lock or secure the main switch, for example with the use of a padlock, to ensure that it cannot be switched on unintentionally!



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Agribox Medium (ENG)

Agribox M

Technische specificaties	Technical specifications	Spécification technique	Technische Spezifikationen
NL	ENG	FR	DE

Date : 1-3-2014
version : 01

Onderhoud en storingen

Maintenance



Disconnect the Agribox from the power supply before performing maintenance on the Agribox!

Agrilight BV recommends that you have your Agribox serviced once a year by a certified technician to test operation and to check all fixtures and connections. In order to retain the amount of lighting, you are advised to check the condition of the lights and the sensor and to clean the armatures and the display of the twilight sensor.

Malfunctions



When checking malfunctions, be aware of the risk of electrically live components. Although the Agribox is designed with safety in mind and is earthed, hazards due to malfunctions can never be excluded. Only certified technicians are permitted to handle the electrical installation or to perform measurements on the unit.

Control Cabinet/Lighting malfunctions:

- Check that the Agribox main switch is in the I ("ON") position;
- If applicable: check that the Agribox X main switch is in the I ("ON") position;
- Check that the 3-way switch is not on the "OFF" position;
- Check that the display of the twilight sensor is not soiled or dirty;
- Check that power supply fuses and/or ceramic fuses of the Agribox;
- Ensure that there is a power supply available;
- Check and/or replace the light(s).

If the control still doesn't operate correctly:



Always disconnect the Agribox before opening the plastic cover (turn the main switch and lock it). Be aware of and prevent any accidental activation by others or by an automated control and/or dimmer switch. In the event of a malfunction, never touch the Agribox whilst the power supply is still connected or if the casing of the Agribox is damaged or wet.

- Check the wiring in the control cabinet(s).



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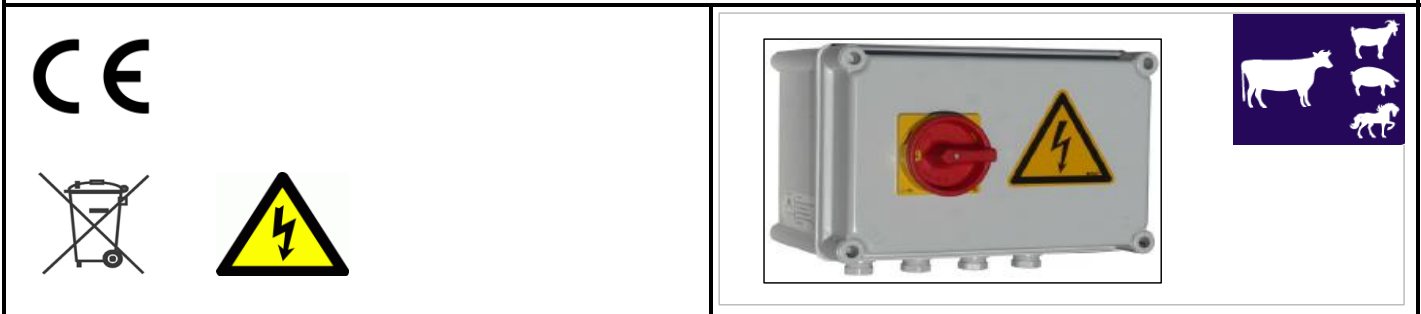
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Agribox X (ENG)

Agribox X

Technische specificaties	Technical specifications	Spécification technique	Technische Specificationen
NL	ENG	FR	DE

Date : 1-3-2014
version : 01



NL	ENG	FR	DE	
Spanning	Main voltage	Tension	Spannung	230 - 400V(AC) (3F + N + PE)
Frequentie	Frequency	Fréquence	Frequenz	50 / 60 Hz
Stroom	Current	Courant	Strom	NA
Inschakelpiek	Inrush current	Pic de courant	Einschalt strom	NA
Vermogen	Power	Puissance	Leistung	Max. 2x(18x250W) or max. 2x(12x400W)
Arbeidsfactor	Power factor	Facteur de puissance	Wirkungsgrad	NA
Efficiëntie	Efficiency	Efficacité	Effizienz	NA
Kleurtemperatuur	color temperature	Température de couleur	Farbtemperatur	NA
Kleurweergave	Color rendering index	rendu des couleurs	Farbwiedergabe	NA
Dimbaar	Dimming function	Gradable	Dimmbar	nee / no / non / nein
Dimsignaal	Dimming signal	électronique variable	Dimmsignal	NA
IP beschermingsgraad	IP class	Protection	Schützungsgrad	IP 65
Temperatuur bereik	Temperature	Température	Temperatur	- 20°C ~ + 40°C
Afmeting artikel	Size article	Taille article	Abmessung Artikel	L x B/W x H = 270 x 180 x 170mm
Afmeting verpakking	Packing dimensions	l'emballage	Packmaß	L x B/W x H = x x mm
Gewicht artikel	Weight article	Article poids	Gewicht artikel	3,3kg
Gewicht incl. verpakking	packaging	Poids avec emballage	Gewicht mit verpackung	kg
Max. kabeldiameter	Maximum cable diameter	câble	Kabeldurchmesser	4mm ²
Striplengte aansluiting	connection	Raccordement	Abisolierlänge Anschluss	9 mm
Aandraaimoment (lamp)	Torque (bulb)	Force de serrage (vie ampoule)	Drehmoment (Betriebstunden der	NA
Garantie (jaar)*	Warranty (year)*	Garantie (année)*	Garantie (Jahr)*	1
voorwaarden	conditions	garantie	Garantiebedingungen	



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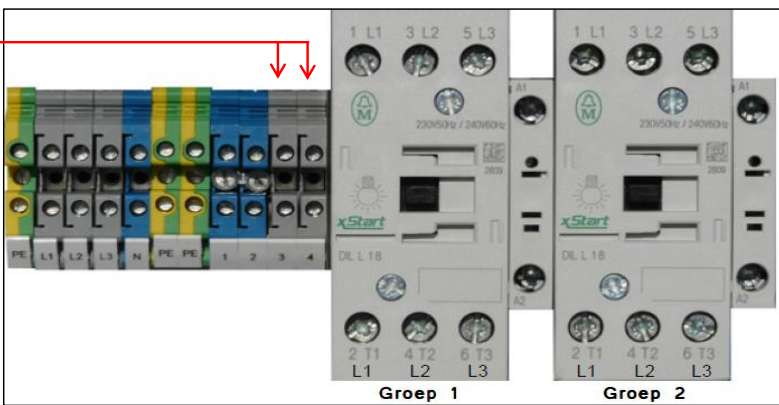


Agribox X (ENG)

Agribox X

Technische specificaties	Technical specifications	Spécification technique	Technische Specificationen
NL	ENG	FR	DE
Date : 1-3-2014			
version : 01			

Algemene opmerkingen	General comments	observations générales	Allgemeine Bemerkungen
<p>Wij behouden ons recht om wijzigen in tekst, tekeningen en schema's zonder voorafgaande kennisgeving door te voeren.</p> <p> Indien onderstaande instructies, veiligheidsvoorschriften en waarschuwingen niet worden opgevolgd, kan dit leiden tot zwaar of dodelijk persoonlijk letsel en tot schade aan de installatie</p>	<p>We reserve the right to make changes to text, drawings and shemes without prior notice.</p> <p> Any failure to comply with the following instructions, safety instructions and warnings, may result in serious or lethal personal injury and to material damage to the installation</p>	<p>Se réserve le droit de modifier le texte, les schémas, les graphiques et autres sans avis préalable</p> <p> Si les consignes de sécurité, les avertissements et les instructions ne sont pas respectées, cela peut susciter des accidents graves voire mortels et endommager l'installation.</p>	<p>Wir behalten uns das Recht vor, ohne vorherige Ankündigung Änderungen an Text, Zeichnungen und Grafiken u. A. vorzunehmen</p> <p> Wenn die unten stehenden Anweisungen, Sicherheitsanweisungen und warnungen nicht eingehalten werden, kann dies zu schweren Verletzungen, sogar mit Todesfolge, führen und zu Schäden an der Anlage</p>

Installatie tekening	Installation Schedule	Calendrier d'installation	Installation Zeitplan																																	
<p>Connections with Agribox M</p>																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>PE</td> <td>Line in PE</td> <td>Earthe connection input</td> </tr> <tr> <td>L1</td> <td>Line in L1</td> <td>Phase 1 Input</td> </tr> <tr> <td>L2</td> <td>Line in L2</td> <td>Phase 2 Input</td> </tr> <tr> <td>L3</td> <td>Line in L3</td> <td>Phase 3 Input</td> </tr> <tr> <td>N</td> <td>Line in N</td> <td>Null (neutral) connection input</td> </tr> <tr> <td>PE</td> <td>PE Line Out</td> <td>Earth connection output Group 1</td> </tr> <tr> <td>PE</td> <td>PE Line Out</td> <td>Earth connection output Group 2</td> </tr> <tr> <td>1</td> <td>Line out N 1</td> <td>Output Null group 1</td> </tr> <tr> <td>2</td> <td>Line out N 2</td> <td>Output Null group 2</td> </tr> <tr> <td>3</td> <td>Relay K1-A1</td> <td>Relay control Group 1 (Medium)</td> </tr> <tr> <td>4</td> <td>Relay K2-A2</td> <td>Relay control Group 2 (Medium)</td> </tr> </table>				PE	Line in PE	Earthe connection input	L1	Line in L1	Phase 1 Input	L2	Line in L2	Phase 2 Input	L3	Line in L3	Phase 3 Input	N	Line in N	Null (neutral) connection input	PE	PE Line Out	Earth connection output Group 1	PE	PE Line Out	Earth connection output Group 2	1	Line out N 1	Output Null group 1	2	Line out N 2	Output Null group 2	3	Relay K1-A1	Relay control Group 1 (Medium)	4	Relay K2-A2	Relay control Group 2 (Medium)
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4	Relay K2-A2	Relay control Group 2 (Medium)																																		
<p>The Agribox X is an extension of the Agribox M and follows the Agribox M for both group 1 and group 2</p>																																				

Agribox X (ENG)

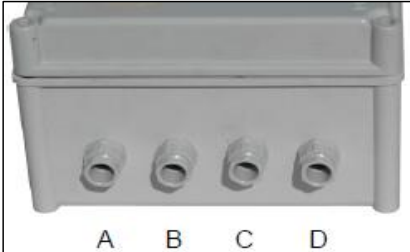
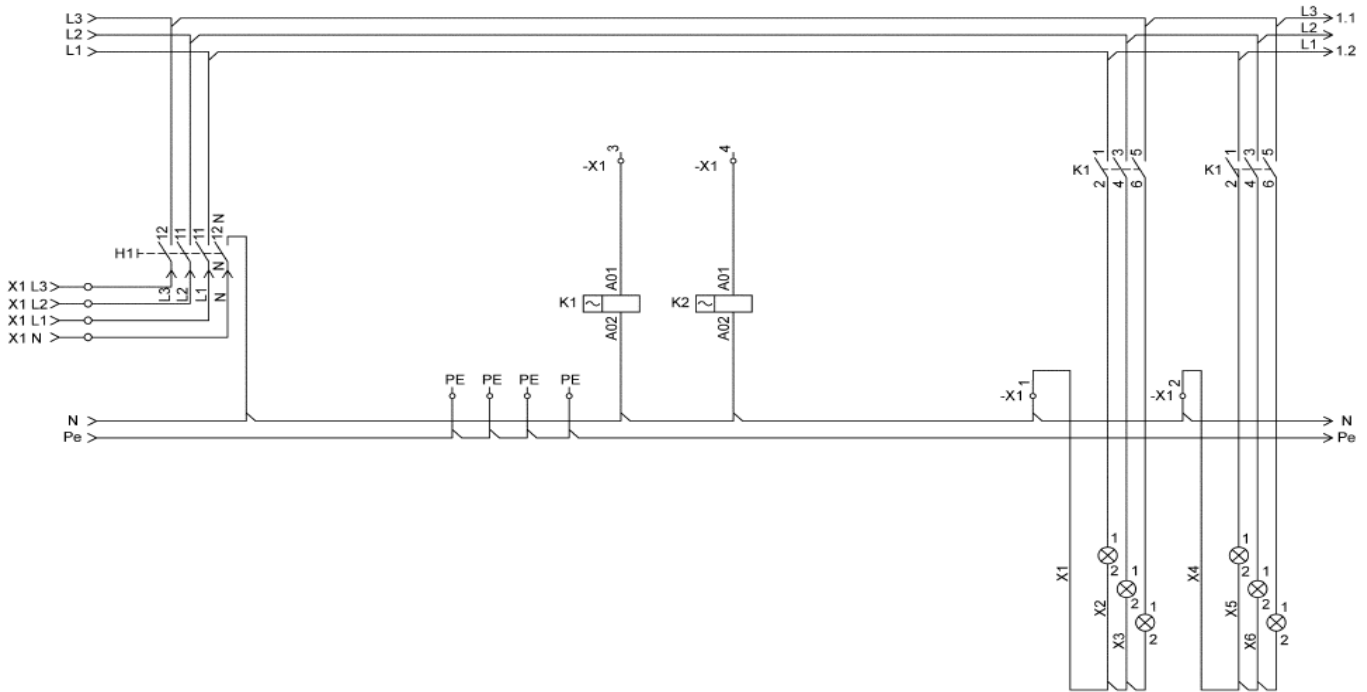
Agribox X

Technische specificaties	Technical specifications	Spécification technique	Technische Spezifikationen
NL	ENG	FR	DE

Date : 1-3-2014
version : 01

Electrical control circuit Agribox X

Main circuit



Gland feed-throughs Agribox X:

- A = Power Supply
- B = Connection with Agribox M
- C = Fixtures Group 1
- D = Fixtures Group 2



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Agribox X (ENG)

Agribox X

Technische specificaties	Technical specifications	Spécification technique	Technische Spezifikationen
NL	ENG	FR	DE

Date : 1-3-2014
version : 01

Main Switch, Maintenance and Malfunctions

Main switch

The main switch is intended for switching the Agribox unit on and off and not for switching the lighting in the livestock pens on and off. When in use, always leave the main switch in the I ("ON") position.

1. Position **I** ("ON") = Agribox switched on.
2. Position **O** ("OFF") = Agribox switched off.



The main switch can be locked.

Always switch the main switch off (O = "OFF") before commencing with service or maintenance activities on the Agribox or lighting installation.

Always lock or secure the main switch, for example with the use of a padlock, to ensure that it cannot be switched on unintentionally!



Maintenance



Disconnect the Agribox from the power supply before performing maintenance on the Agribox!

Agrilight BV recommends that you have your Agribox serviced once a year by a certified technician to test operation and to check all fixtures and connections. In order to retain the amount of lighting, you are advised to check the condition of the lights and the sensor and to clean the armatures and the display of the twilight sensor.

Malfunctions



When checking malfunctions, be aware of the risk of electrically live components. Although the Agribox is designed with safety in mind and is earthed, hazards due to malfunctions can never be excluded. Only certified technicians are permitted to handle the electrical installation or to perform measurements on the unit.

Control Cabinet/Lighting malfunctions:

- Check that the Agribox main switch is in the I ("ON") position;
- If applicable: check that the Agribox X main switch is in the I ("ON") position;
- Check that the 3-way switch is not on the "OFF" position;
- Check that the display of the twilight sensor is not soiled or dirty;
- Check that power supply fuses and/or ceramic fuses of the Agribox;
- Ensure that there is a power supply available;
- Check and/or replace the light(s).

If the control still doesn't operate correctly:



Always disconnect the Agribox before opening the plastic cover (turn the main switch and lock it). Be aware of and prevent any accidental activation by others or by an automated control and/or dimmer switch. In the event of a malfunction, never touch the Agribox whilst the power supply is still connected or if the casing of the Agribox is damaged or wet.

- Check the wiring in the control cabinet(s).



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