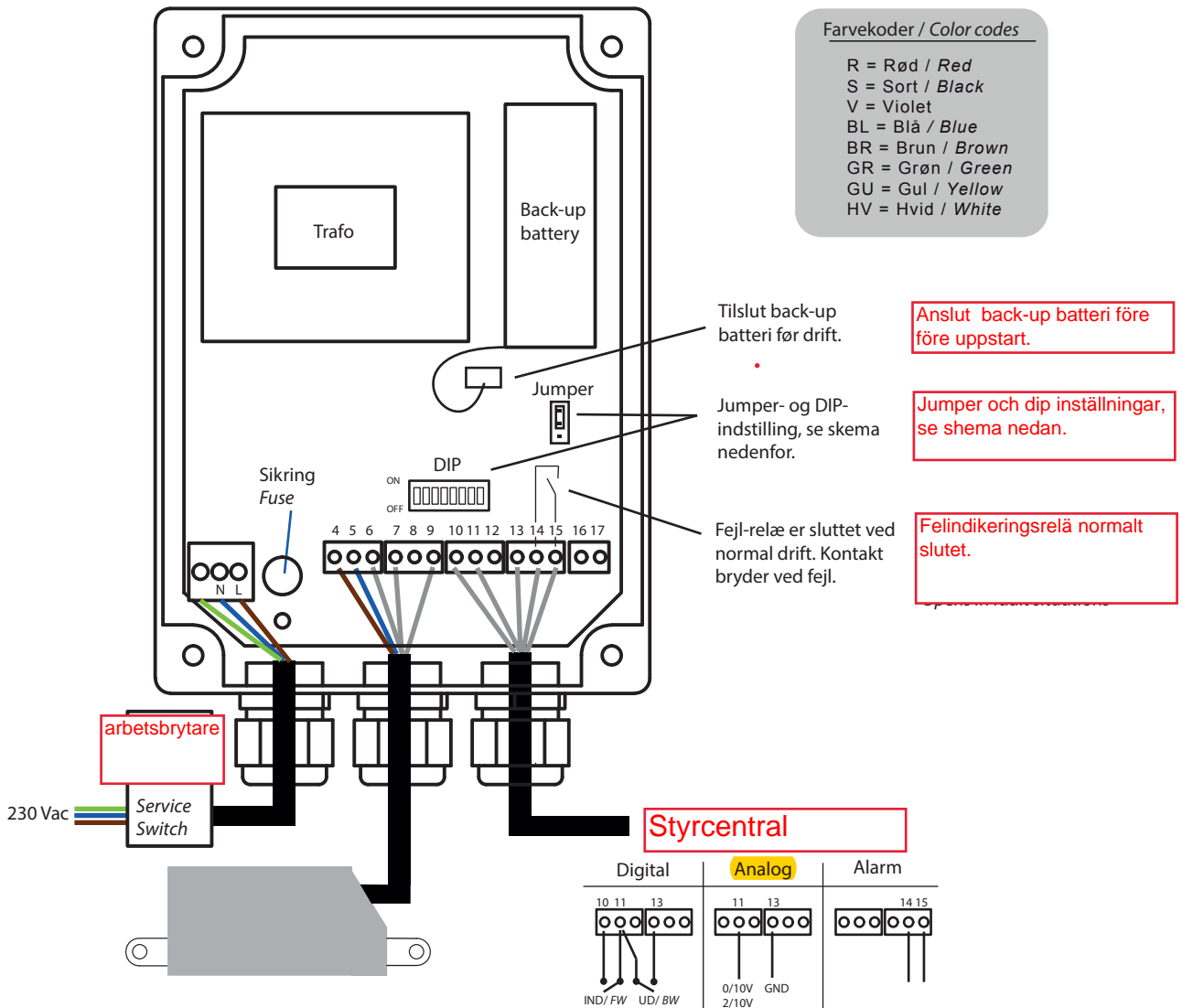


Ventillationsstyring / Ventilation control EM-322

Tilslutning og indstilling / Connection, jumper and DIP-settings



	LA12 Pot.meter	LA35 HallPot	3x LA12						
DIP	ON OFF	ON OFF	ON OFF						
Jumper									
Tilslutning			<table border="1"> <tr> <th>Act. 1</th> <th>Act. 2</th> <th>Act. 3</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	Act. 1	Act. 2	Act. 3			
Act. 1	Act. 2	Act. 3							

DIP 4 On= Digital, OFF= Analog styrsignal
 DIP 5 On= 2-10 V Styrsignal, OFF= 0-10 V Styrsignal
 DIP 6 On= Nödöppning till ett snitt av de senaste 2 tim. position, dock minst 15%, OFF= Full öppning vid strömsvikt.
 DIP 7= On= Vid inverterad styrsignal, 10-2 V resp. 10-0 V, Off= Normalläge
 DIP 8= Extern programmeringsläge. OFF= Fabriksinställning.

DIP 4: ON = Digital control signal, OFF = Analog control signal.
 DIP 5: ON = 2-10V control signal, OFF = 0-10V control signal.
 DIP 6: OFF = Emergency run position full open, ON = Intelligent position in emergency run. (average of positions of last hour x2. -at least 15% open)
 DIP 7: ON = inverted control signal (10-0V / 10-2V signal), OFF = Direct control
 DIP 8: ON = parameters can be modified, OFF = preset default parameter are in use = parameter are fixed.



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Ventillationsstyring / Ventilation control EM-322

Installation og opstart / Installation and start-up instructions

Installation:

Montera ställdon och motorstyrning enligt teknikerns rekommendationer.
 Ställ in DIP switchar och jumper samt anslut ställdon enligt ovanstående schema.
 Anslut 230 VAC +/-10%. En arbetsbrytare rekommenderas före motorstyrningen.
 Anslut batteriet.

Uppstart:

Första gången styrningen ansluts till nätspänning och batteri kan larmet för låg batterispänning aktiveras, vilket försvinner igen efter en stund, då batteriet är uppladdat.
 LA12 och LA 35 med Hall-pot lägesrapportering, startar en automatisk nollställningsprocedur varje gång styrning ansluts till nätspänning, vilket tar några minuter. Den gula lysdioden blinkar under hela proceduren.

Drift:

Vid normal drift lyser GRÖN lysdiod i locket. När ställdonet kör lyser GUL lysdiod. Om ingen förändring gjorts på 60 minuter släcks alla lysdioder.

Felindikation:

Fel i styrningen visas med koder i den gröna lysdioden:

Installation:

Install the actuator and motor control as instructed by the supplier of the ventilation system.

Connect the actuator used and set DIP switches and jumper in accordance with the diagram on the previous page.

Connect the power supply of 230 VAC +/- 10%. LINAK recommends the installation of an isolator switch before the motor control.

Connect the battery to the control.

Start-up:

The first time that the control is connected to the power supply and battery, the low battery voltage alarm may be activated. The alarm will stop after a time, when the battery has been sufficiently charged by the built-in battery charger.

LA12 and LA35 with Hallpot report start an automatic reset procedure every time power is connected to the control. This can take up to several minutes, until the actuator is run right in. The yellow light flashes during this procedure.

Operation:

On normal operation, the GREEN light diode will light up in the cover. When the actuator is running, the YELLOW light diode will light up. The control unit will enter sleep mode after 60 mins with no power connected. All diodes will be switched off

Error indication:

Control errors are displayed as different types of flashes of the green light diode:

Felsignal:

- 1 kort blink
- 2 korta blink
- 3 korta blink
- 4 korta blink
- 5 korta blink

Fel:

- Ingen 230 VAC försörjning
- Batterifel
- Styrsignal under 1 V
- Avbrott pga. överbelastning
- Ingen lägesrapportering från ställdonet.

Åtgärd:

- Kontrollera och anslut 230 VAC
- Byt ut batteriet
- Kontrollera/justera signalen från styrenheten
- Ta bort orsaken till överbelastningen och kör ställdonet åt andra hållet.
- Kontrollera signal från ställdonet

Error signal	Error	Solution
1 short flash	no 230VAC supply	Control and connect 230VAC
2 short flashes	battery error	Replace battery
3 short flashes	control signal below 1 volt	Control the signal from the control unit
4 short flashes	interrupted at maximum power	Remove overload and run actuator in the opposite direction
5 short flashes	no signal from actuator	Control the signal from the actuator

For yderligere vejledning, henvises til brugsanvisningen på www.linakthirdparty.com

For detailed instructions please refer to the Instruction manual at www.linakthirdparty.com

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