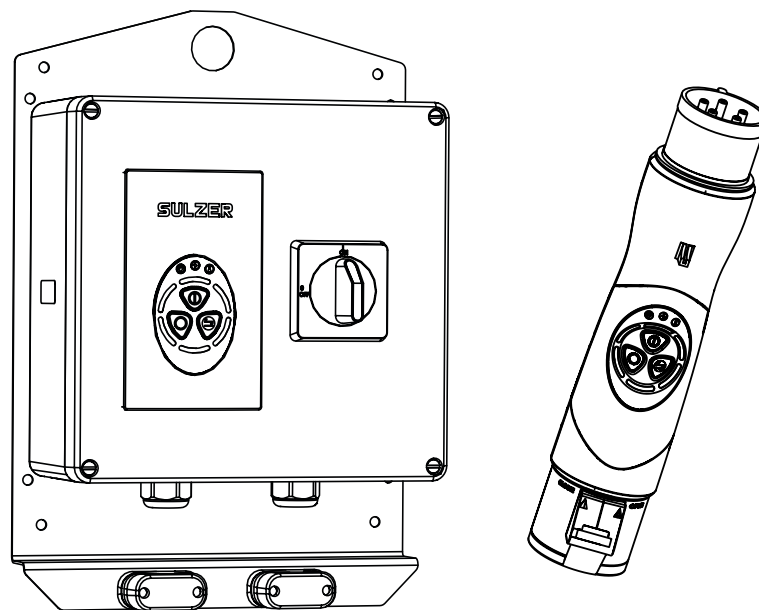
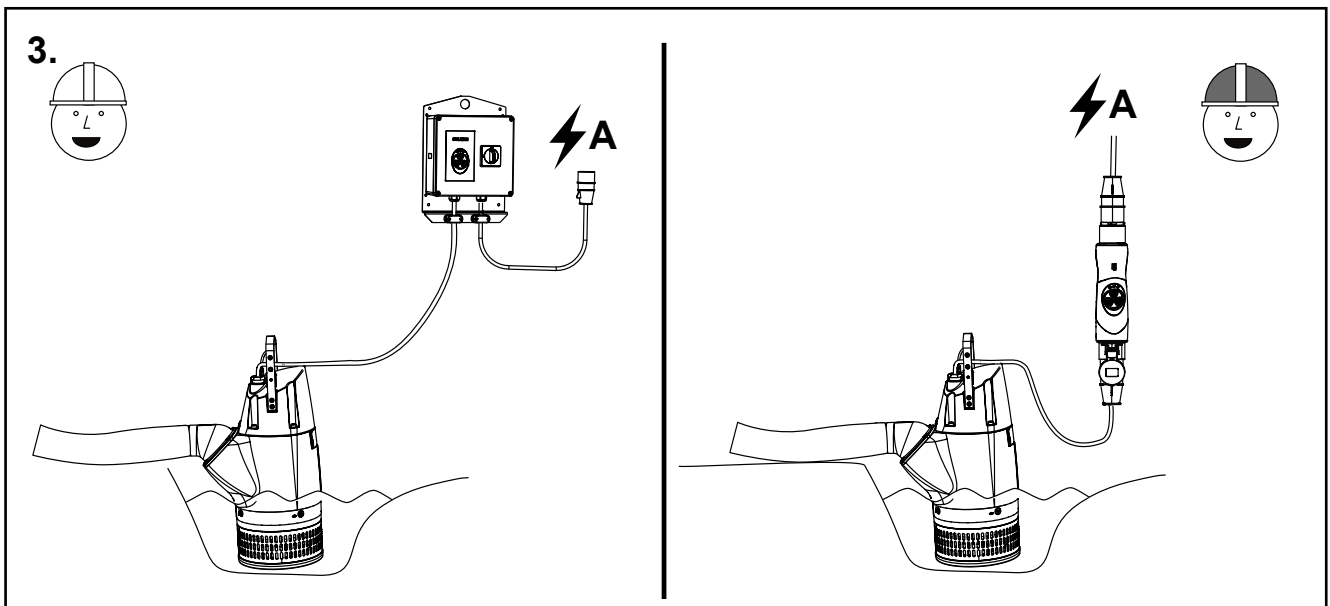
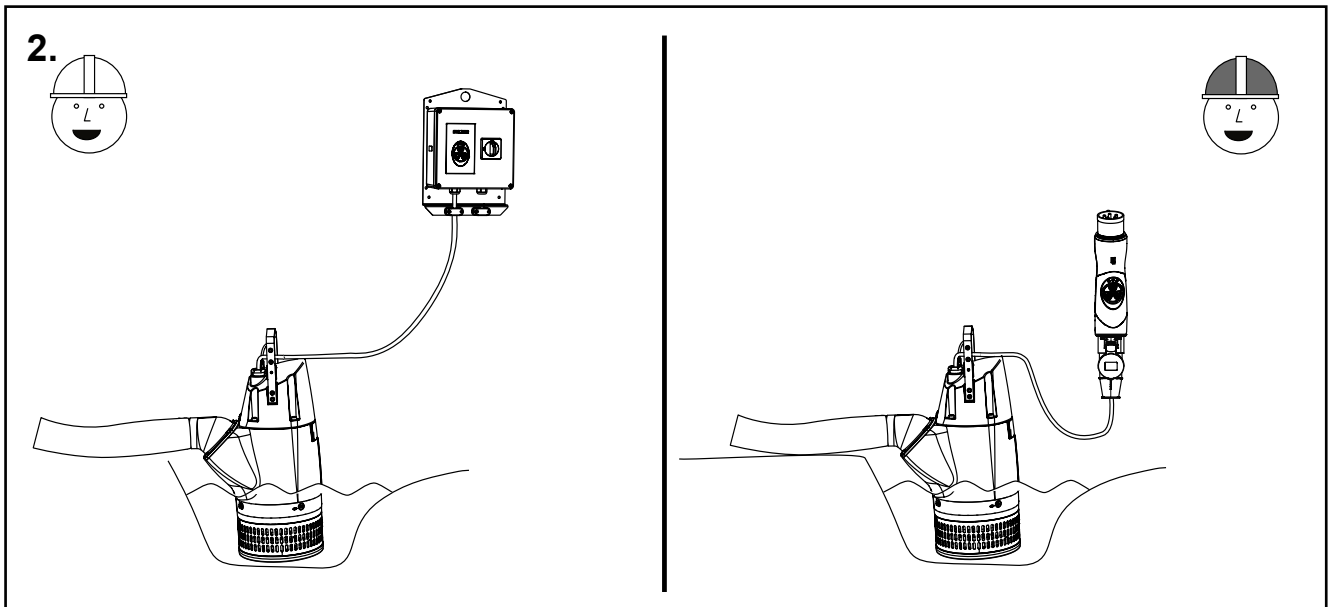
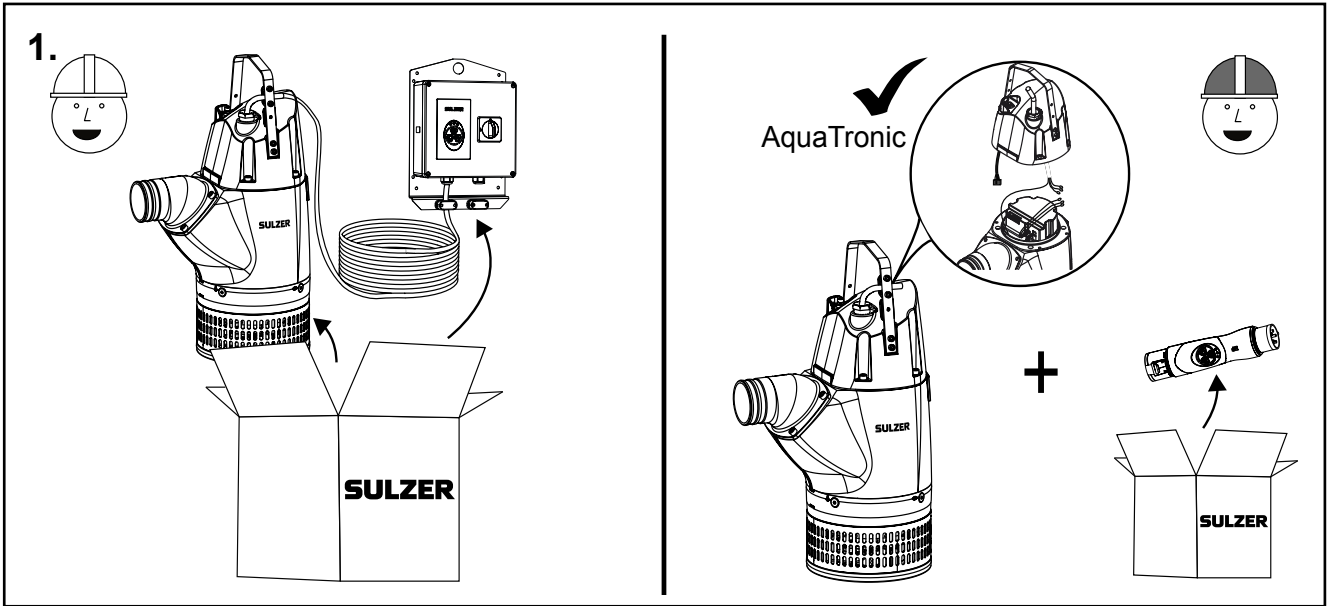

AquaPlug AquaTronic Control Panel



-
- | | | | |
|-----------|--|-----------|--|
| EN | Installation and User guide | SV | Installations- och användarmanual |
| DE | Installations- und Gebrauchsanweisung | NO | Installasjons- og brukerhåndbok |
| FR | Manuel d'installation et d'utilisation | DA | Installations- og brugervejledning |
| NL | Installatie- en gebruikershandleiding | FI | Asennus- ja käyttöohje |
| ES | Manual de instalación e instrucciones | PL | Podręcznik instalacji i instrukcja obsługi |
| PT | Instalação e manual de instruções | HU | Telepítési és felhasználói útmutató |
| IT | Manuale d'installazione e dell'utente | TR | Kurulum ve kullanıcı kılavuzu |
| EL | Εγχειρίδιο εγκατάστασης και χρήσης | | |
-

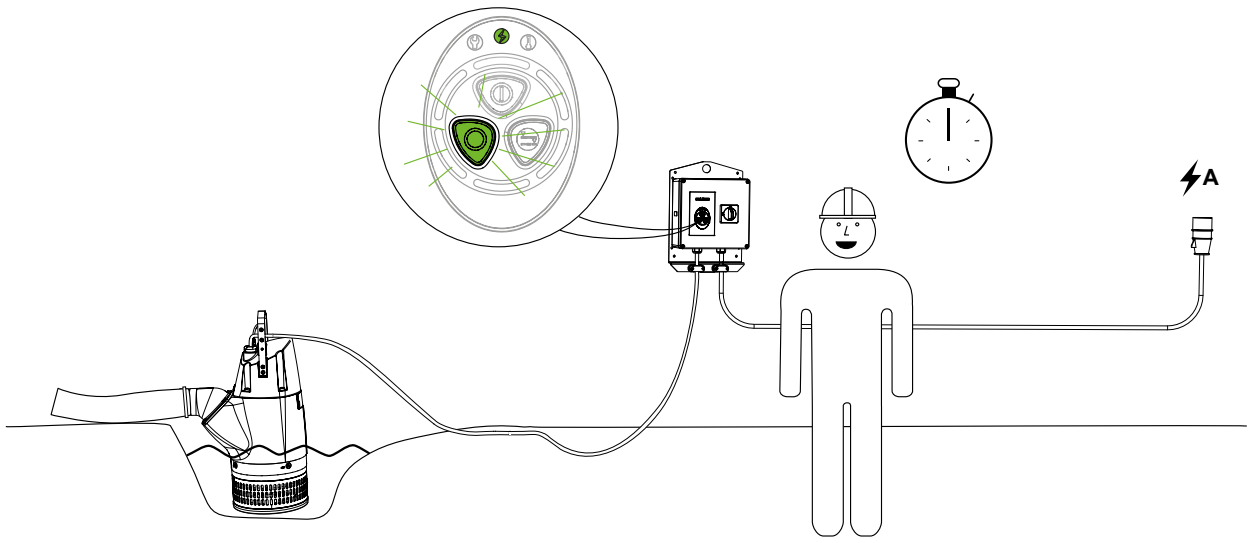
Type	Voltage,	Frequency,	Amp	Part number
AquaTronic Control Panel	208-230 V		16A M25	00863836
AquaTronic Control Panel	208-230 V		32A M25	00863837
AquaTronic Control Panel	208-230 V		50A M25	00863838
AquaTronic Control Panel	208-230 V		32A M40	00863839
AquaTronic Control Panel	208-230 V		50A M40	00863840
AquaTronic Control Panel	380-415 V		16A M25	00863841
AquaTronic Control Panel	380-415 V		32A M25	00863842
AquaTronic Control Panel	460-550 V		16A M25	00863843
AquaTronic Control Panel	460-550 V		32A M25	00863844
AquaTronic Control Panel	460-550 V		32A M40	00863845
AquaTronic Control Panel	575-600 V		16A M25	00863846
AquaTronic Control Panel	575-600 V		32A M25	00863847
AquaPanel	208-230 V	50/60 Hz		00863683
AquaPanel	380-415 V	50/60 Hz		00863684
AquaPanel	460-550 V	50/60 Hz		00863685
AquaPanel	575-600 V	50/60 Hz		00863686
AquaPlug	208-230 V	50/60 Hz	16 A	00863365
AquaPlug	380-415 V	50/60 Hz	16 A	00863184
AquaPlug	460-550 V	50/60 Hz	16 A	00863542
AquaPlug	575-600 V	50/60 Hz	16 A	00863369
AquaPlug	208-230 V	50/60 Hz	32 A	00863366
AquaPlug	380-415 V	50/60 Hz	32 A	00863288
AquaPlug	460-550 V	50/60 Hz	32 A	00863543
AquaPlug	575-600 V	50/60 Hz	32 A	00863370

INSTALLATION

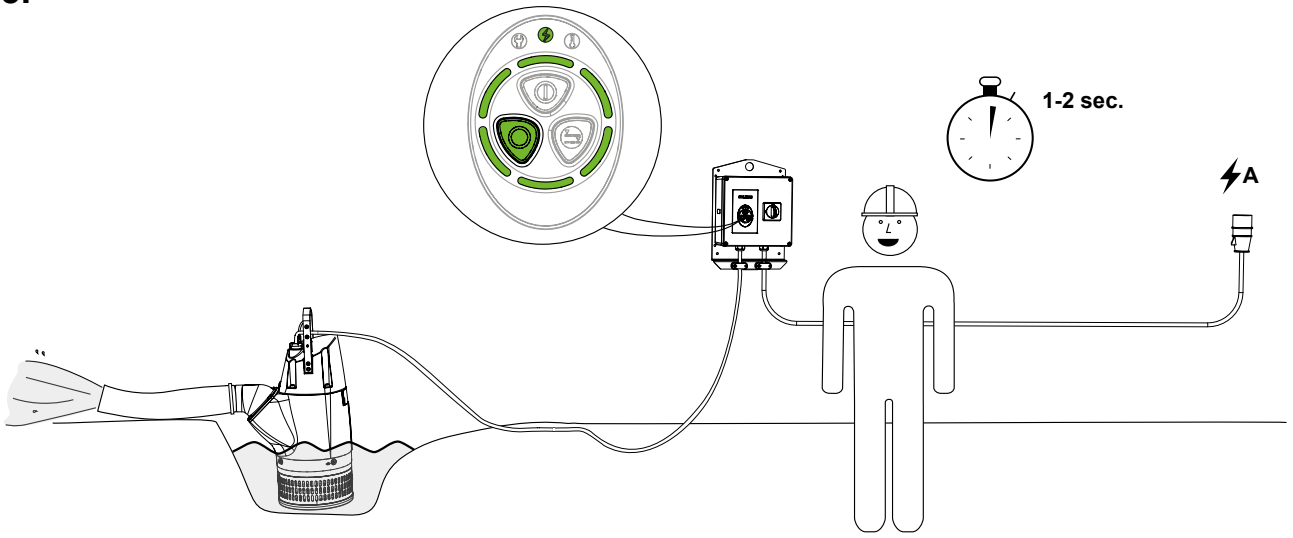


START AND STOP

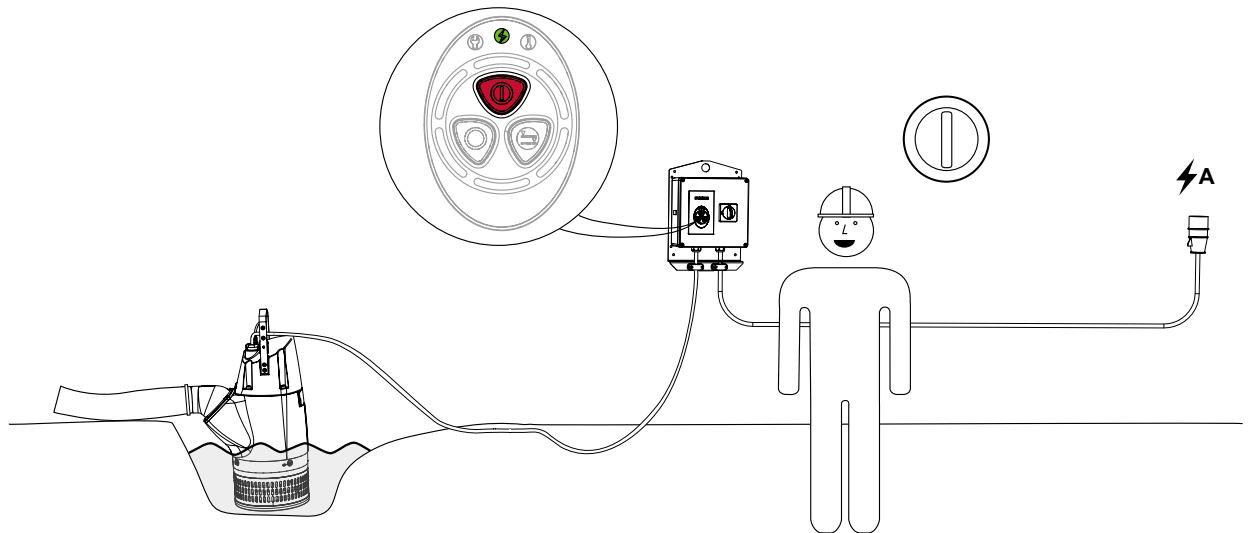
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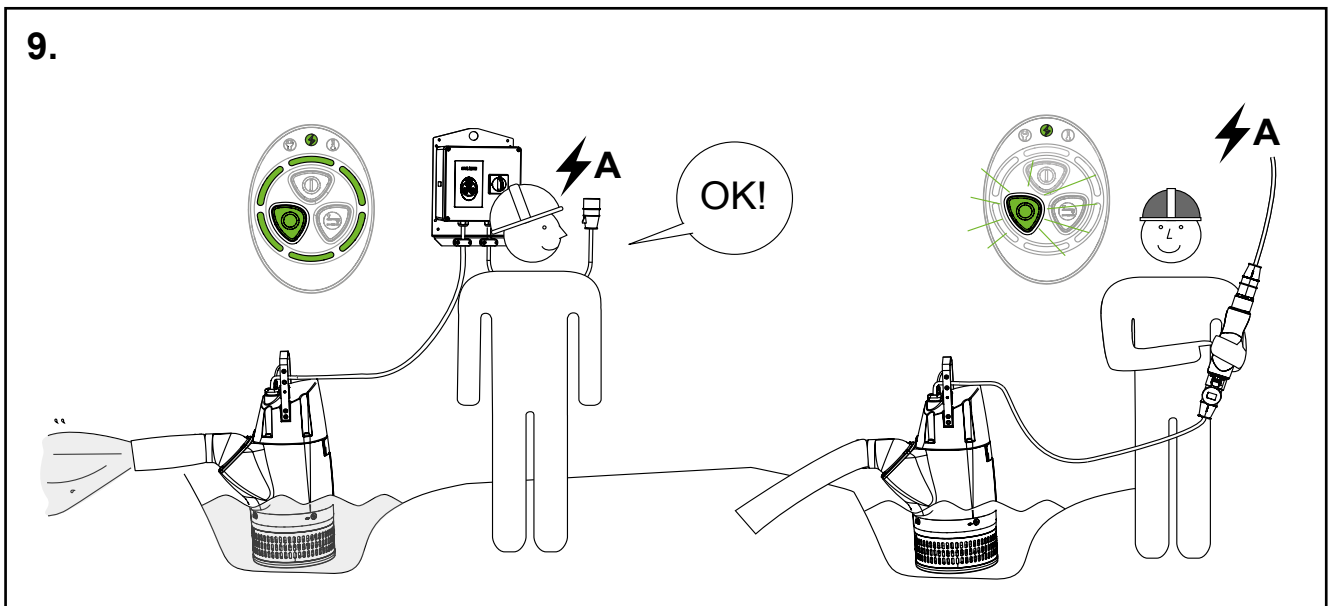
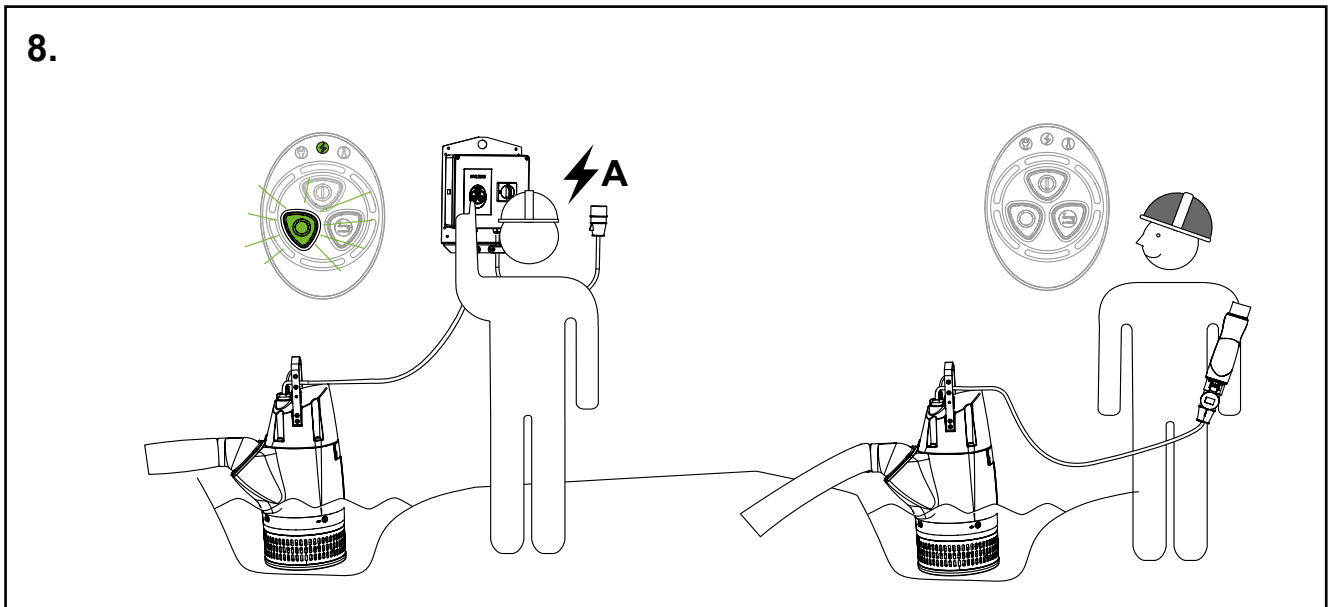
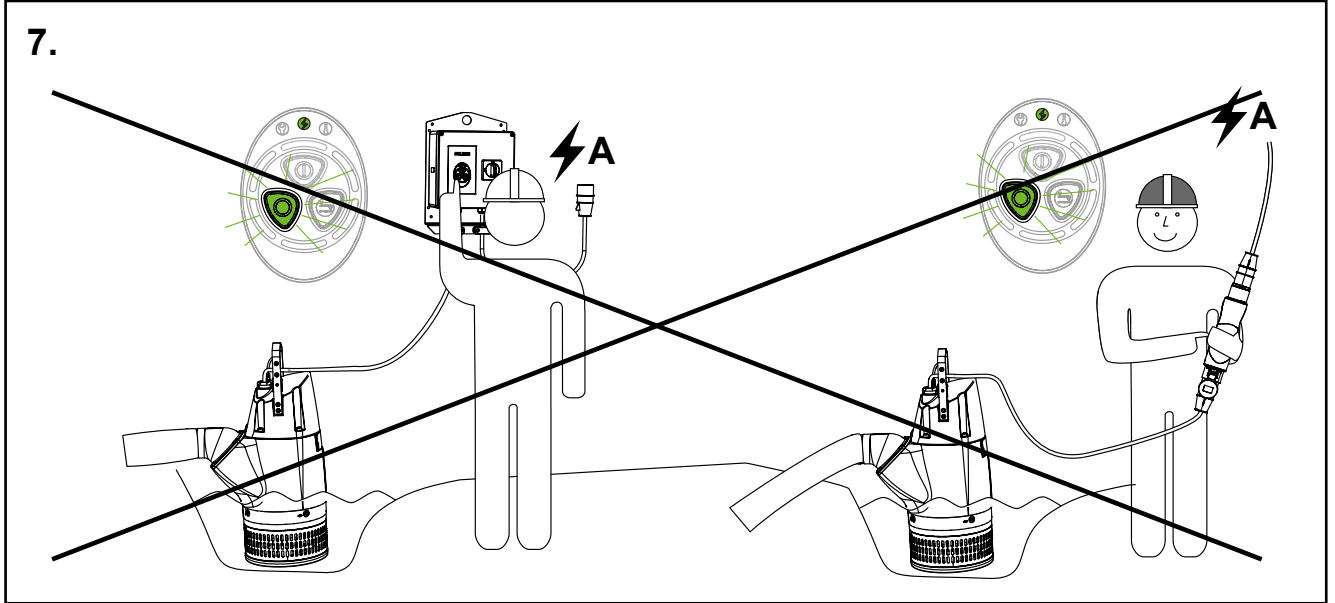


6.



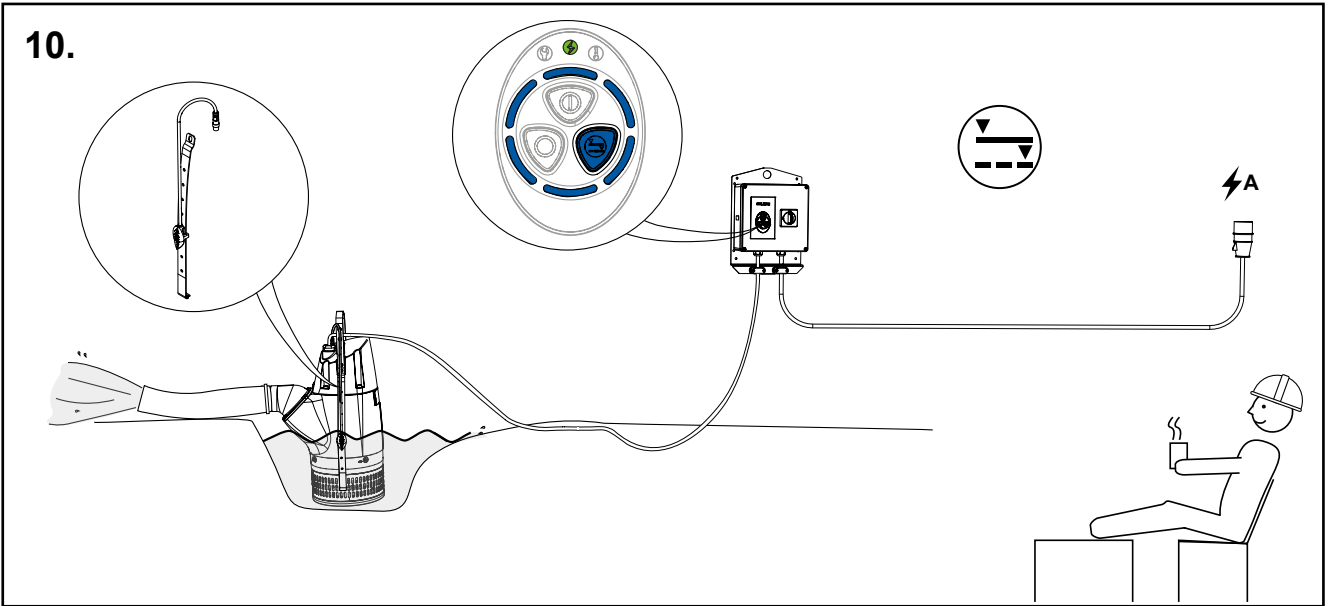
0083914

PAIRING TO PUMP

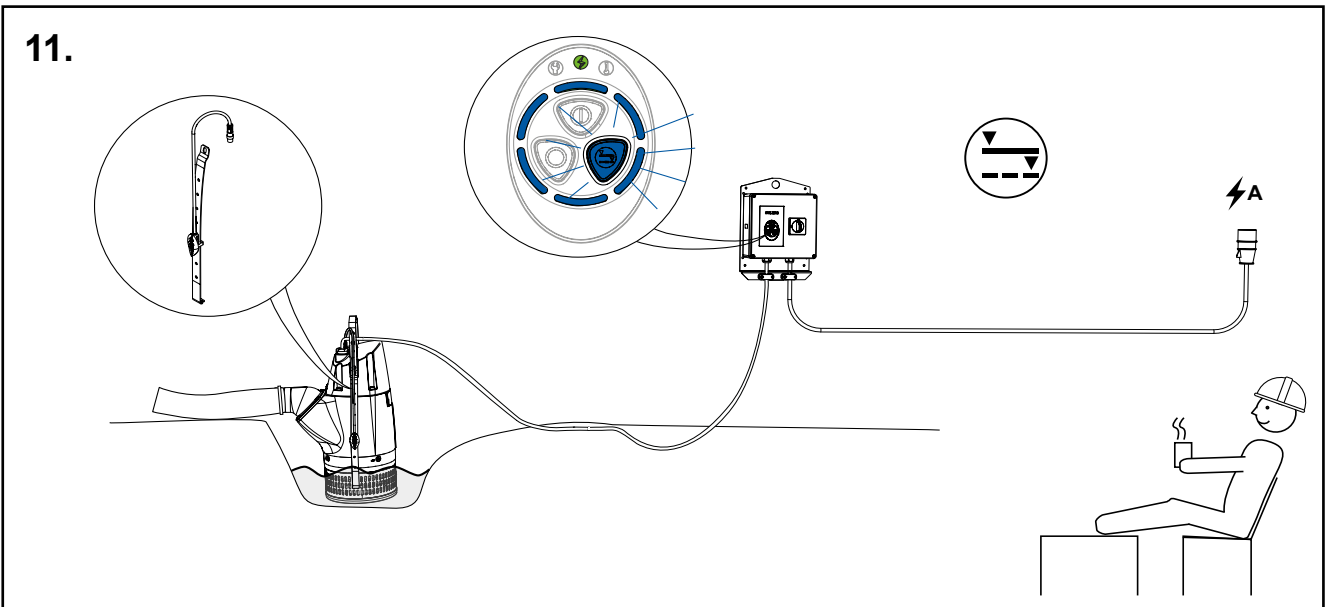


ENERGY SAVING MODE

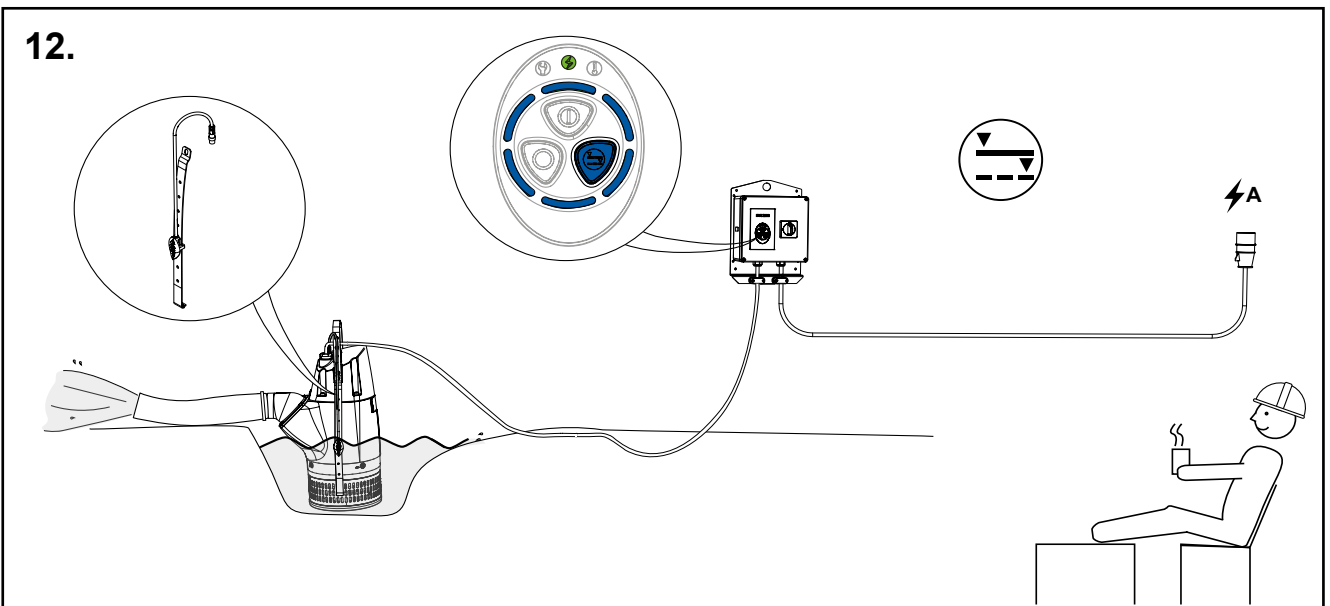
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11.



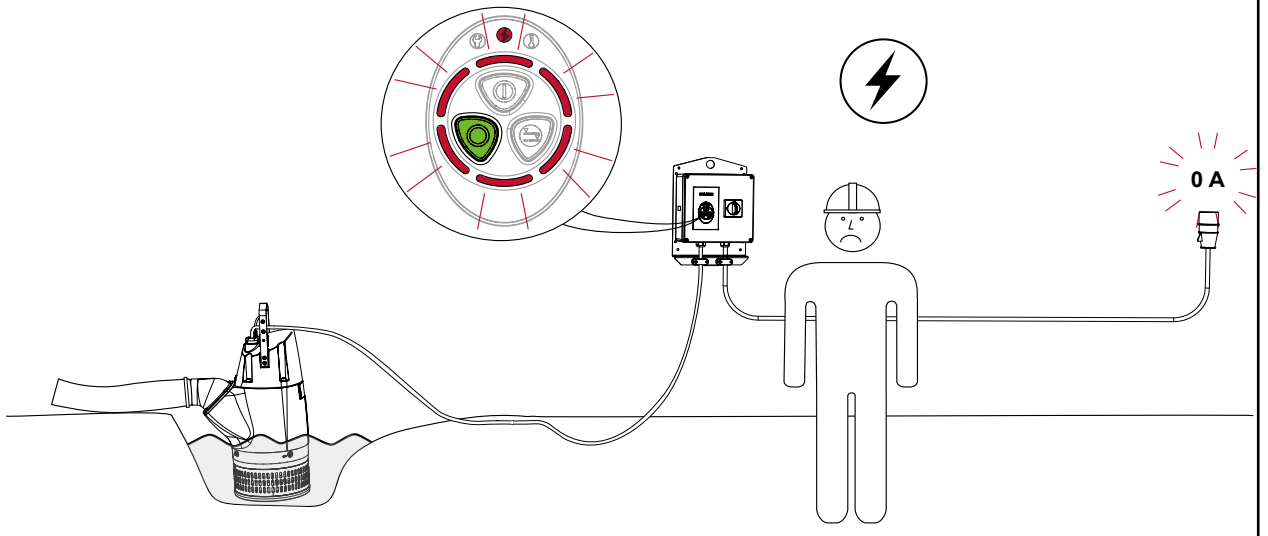
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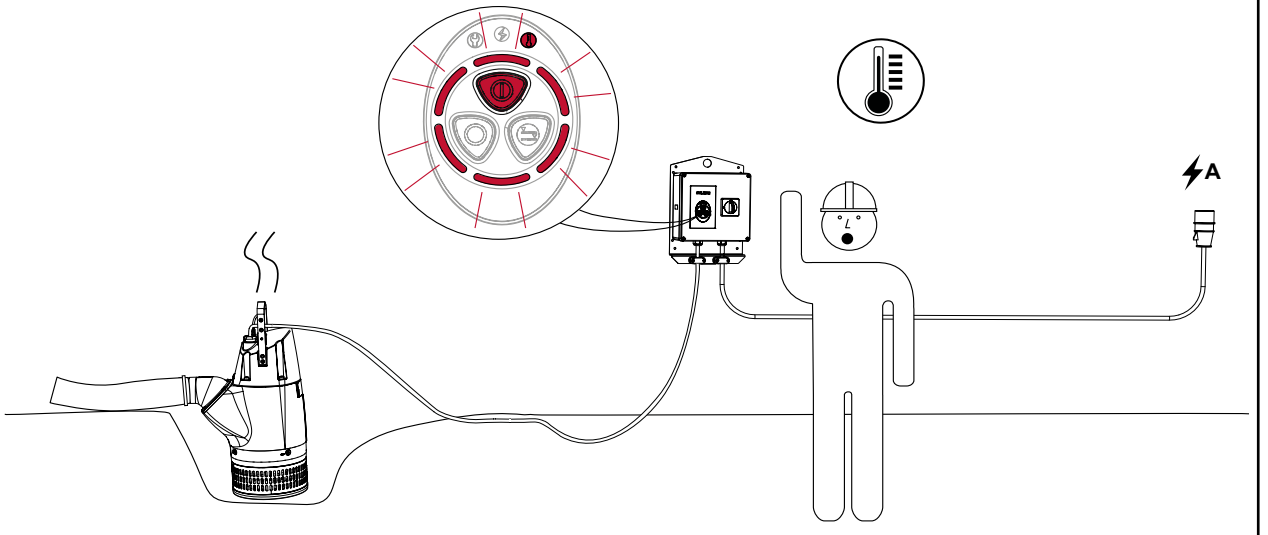
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WARNINGS

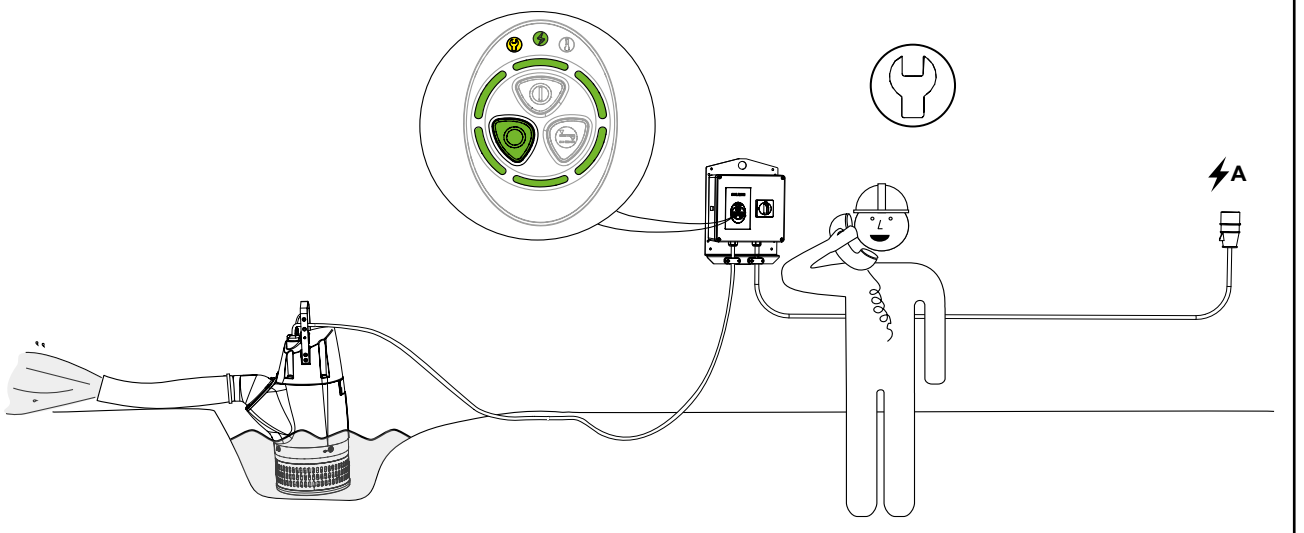
13.



14.



15.



1. Pairing (fig. 7-9)

The AquaPlug/AquaPanel has built-in a memory of which pump it was paired to last time. This is done to ensure that the unit will find the correct pump if a power failure occurs on more than one pump in an installation.

There are two time-outs in the system.

1. Pairing time-out: which means that if pairing does not occur in one minute the AquaPlug/AquaPanel will not continue to search for a pump. This is done to ensure that the unit will not pair with and control a “foreign” pump.
2. Power time-out: this means that a pump will not pair with a unit which has been powered for a shorter time than itself. This is done to ensure that the AquaPlug/AquaPanel takes control of the pump it was plugged in with.

If pairing has not been successful it can depend on:

1. Occasional disturbance on cable – try to make pairing once again.
2. Constant disturbance on power line. Can be caused of other electrical devices such as frequency converters. If this is the case, try to put an extension cable of more than two metres between power source and AquaPlug/AquaPanel (this will give enough resistance to filter most disturbance away).

If none of above tests will work try to use a different power supply.








NOTE! Do not disassemble the AquaPlug / AquaPanel.

2. Energy save mode (fig. 10-12)

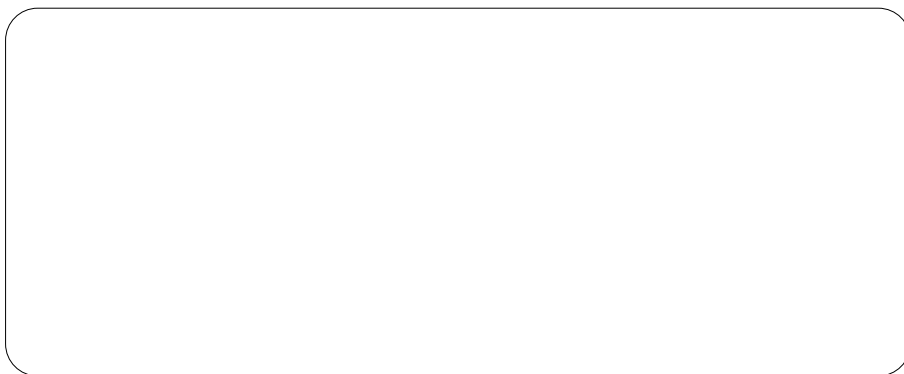
The pump can run with an AquaPlug/AquaPanel in energy save mode (when blue button is activated).

When connected with a level sensor measuring probe, the level of water is detected and the pump starts when water is touching the probe. It will automatically be stopped when the water level is beneath the hydraulic parts. The pump starts again when water touches the sensor.

3. Alarm and warning limits (fig. 13-15)

Alarm signal (pump stops)	Warning signal (pump continues to run)	Limit	Symbol	
Overload warning light: winding high temperature.		140 °C		Red
Overload warning light: AquaTronic high temperature.		Soft start 80 °C DOL (Direct-On-Line)s 110 °C		Red
Overload warning light: high amp.		By curve +20 % at long time overload.		Red
Power warning light: phase missing (under voltage).		-15 %		Red
Power warning light: phase unbalance.		±20 %		Red
	Service warning light: seal leakage.	50 kohm		Yellow
	Service warning light: bad motor insulation.	100 kohm		Yellow

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SULZER

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