



MULTICAL® 603 & ULTRAFLOW®



Heat meter (E5)
0 2 °C . 150 °C
J9 3 K . 178 K

CE MTS 0200
DK-0200-MTS040
© 1997, 2004 Kamstrup



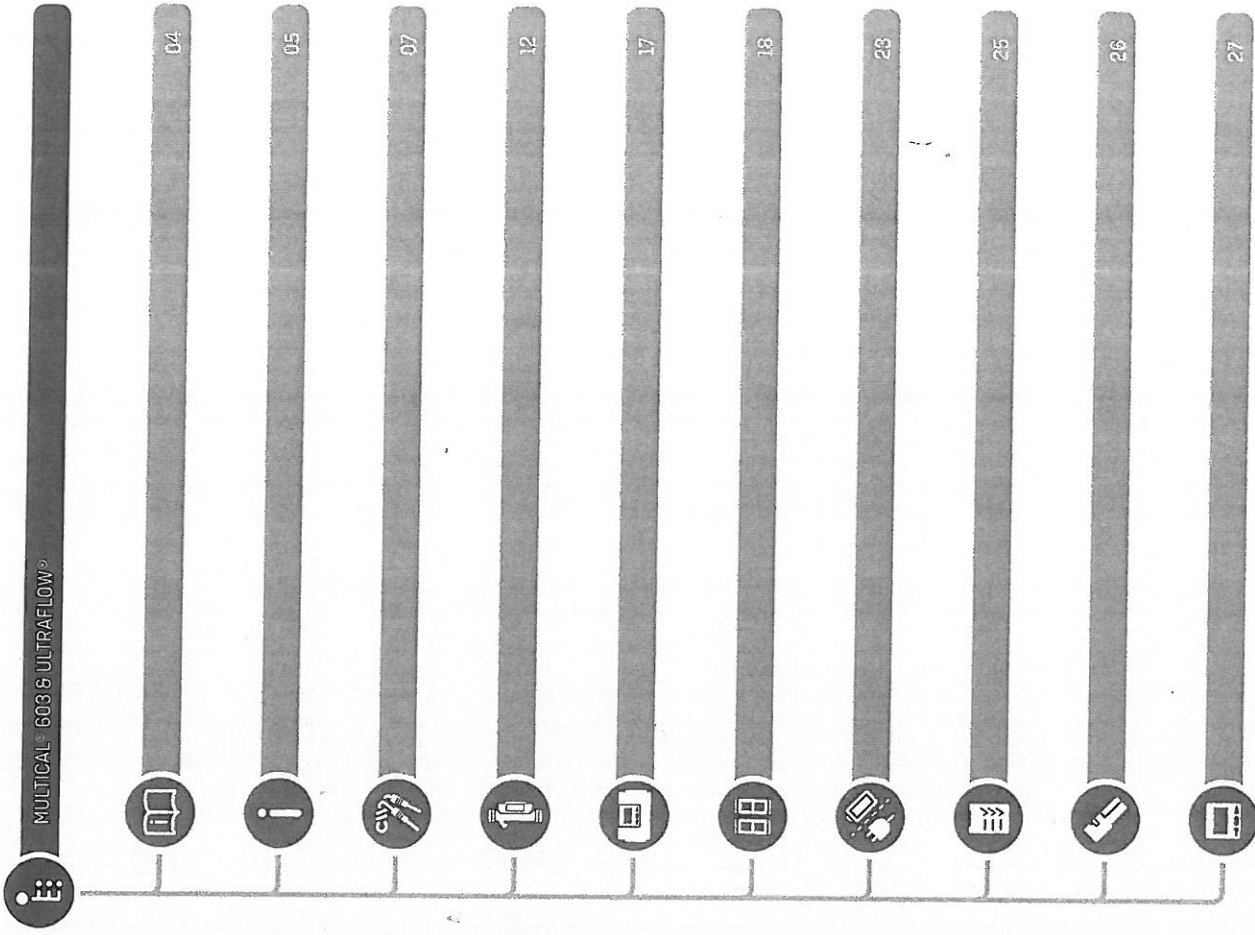
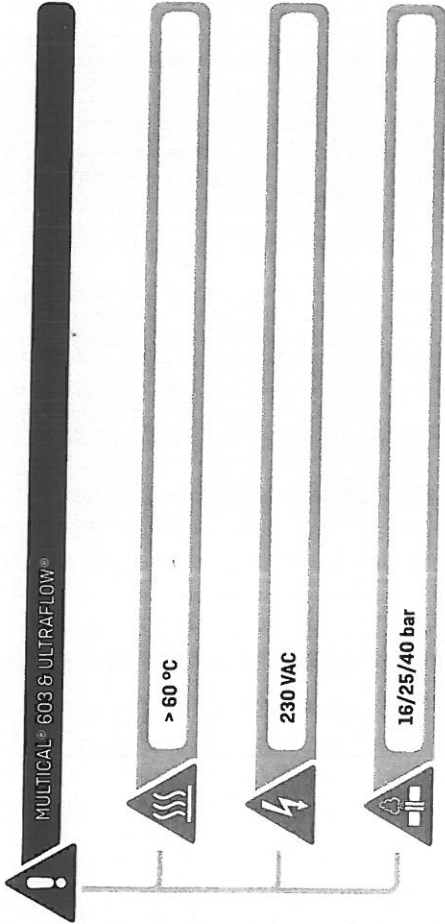
SN 850526516317
Type 603C210
P500-EN607/01
Battery 1 x D-cell

Cooling meter (E5)
0 2 °C . 10 °C
J9 3 K . 178 K

DK
200
TS 21.02.012
Disc Size display

kamstrup

kamstrup



http://static.kamstrup.dk/hardlink/userguides/gb_mc603.htm



<http://products.kamstrup.com/?goto=62Z>



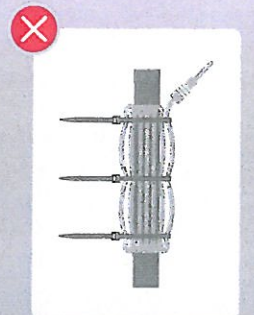
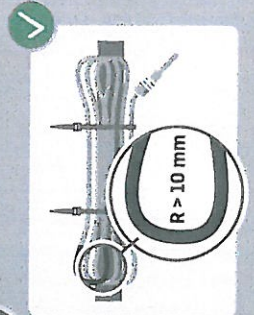
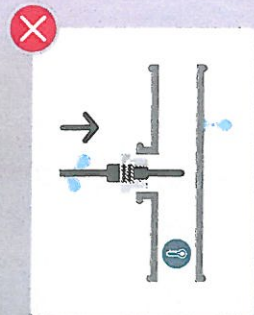
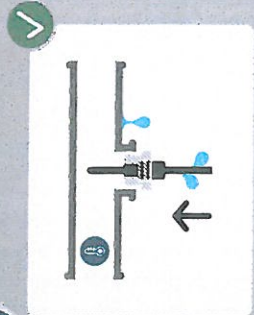
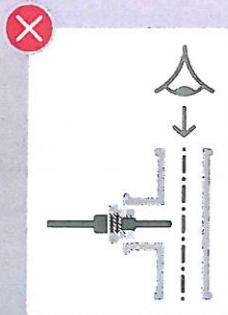
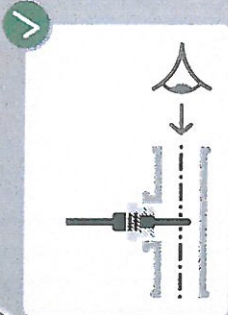
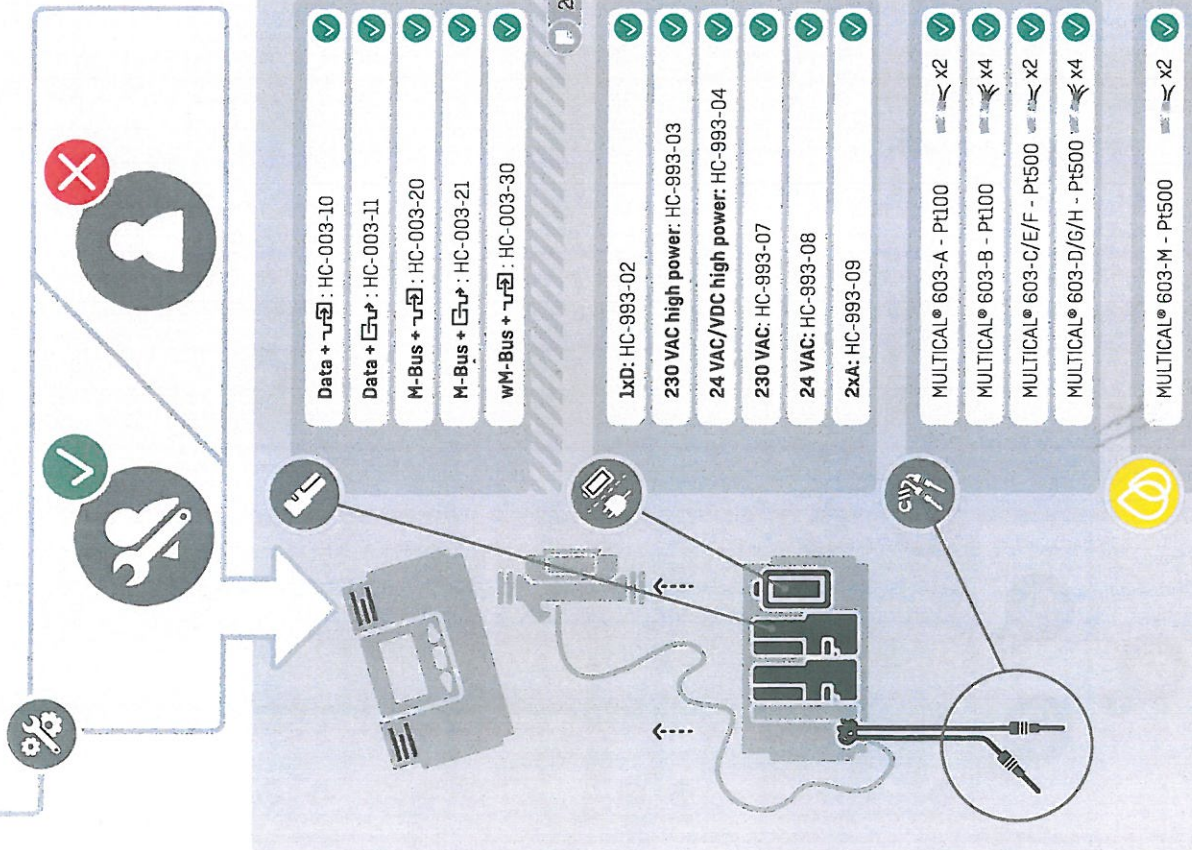
<http://products.kamstrup.com>

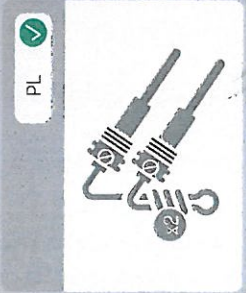
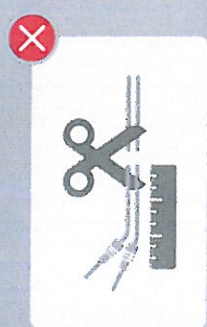
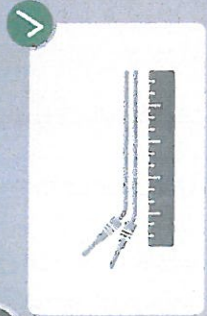
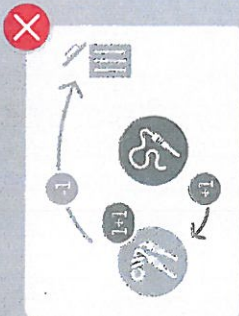
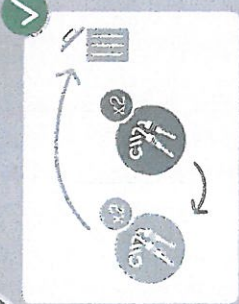
The diagram shows a control panel with several sections:

- Top Section:** A red temperature icon (E1) and a blue temperature icon (E3) are connected to a central unit. Below them are three rows of settings:
 - MID: ENI434 ✓, 0: 2 °C...180 °C Δ0: 3 K...178 K ✓
 - DK-BEK 1178: ENI434 ✓, 0: 2 °C...180 °C Δ0: 3 K...178 K ✓
 - ENI434: ENI434 ✓, 0: -40 °C...140 °C Δ0: 3 K...178 K ✓
- Bottom Section:** A yellow temperature icon (E1/E3) and a grey temperature icon are connected to the unit. Below them are two rows of settings:
 - ULTRAFLOW®: 0q: 2 °C...130 °C ✓, 0q: 15 °C...130 °C ✓

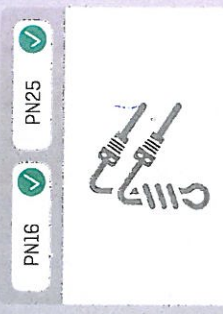
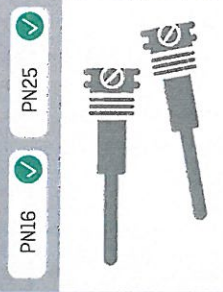
The diagram shows a control panel with the following elements:

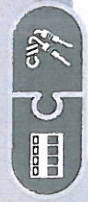
- Top Section:** A red temperature icon (E1) and a blue temperature icon (E3) are connected to a central unit. Below them are three rows of settings:
 - M1: ENI434 ✓, 0: 2 °C...180 °C Δ0: 3 K...178 K ✓
 - DK-BEK 1178: ENI434 ✓, 0: 2 °C...180 °C Δ0: 3 K...178 K ✓
 - ENI434: ENI434 ✓, 0: -40 °C...140 °C Δ0: 3 K...178 K ✓
- Bottom Section:** A yellow temperature icon (E1/E3) and a grey temperature icon are connected to the unit. Below them are two rows of settings:
 - ULTRAFLOW®: 0q: 2 °C...130 °C ✓, 0q: 15 °C...130 °C ✓
- Right Section:** A flow icon (M1) and a flow icon (M2) are connected to a central unit. Below them are two rows of settings:
 - 5 °C...55 °C ✓
 - 5 °C...55 °C ✓



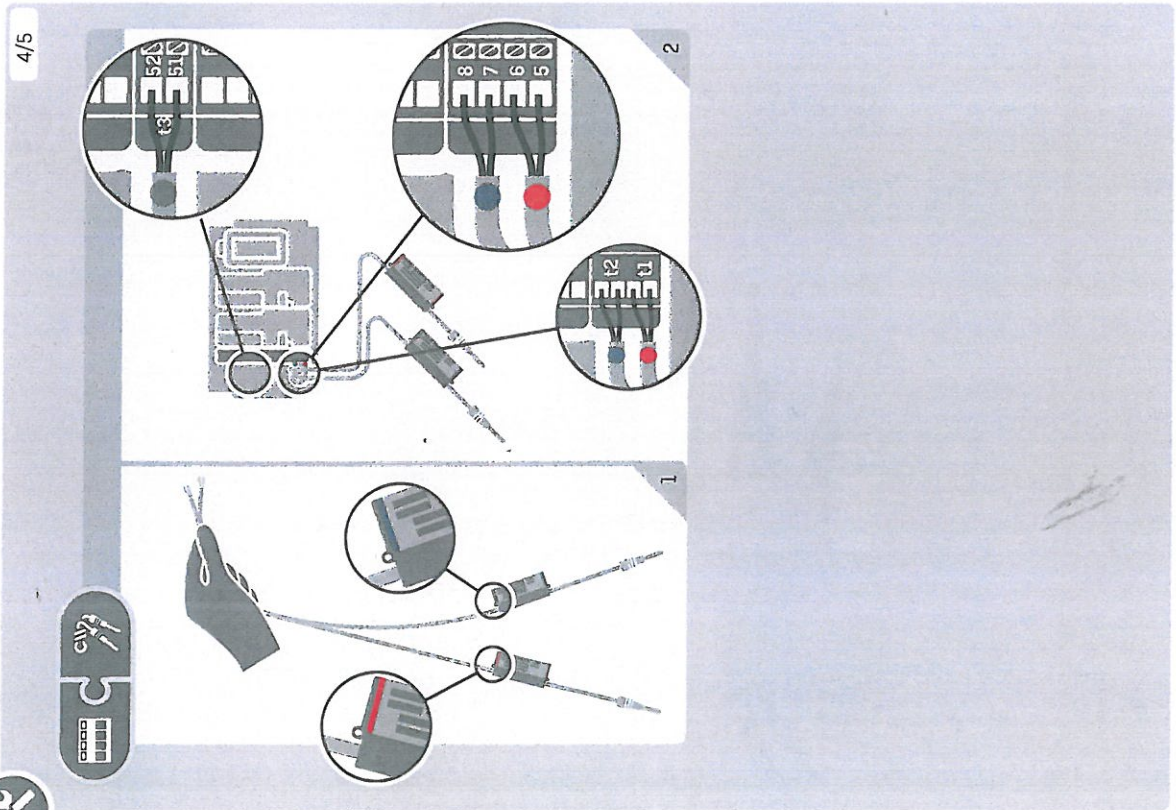


qp	DN	C	DS 27,5	DS38
05-15	15	0*8	✓	
09-15	20	0*8	✓	
35-6	25	05/48	✓	
6	32	61/8		✓
10	40	028		✓

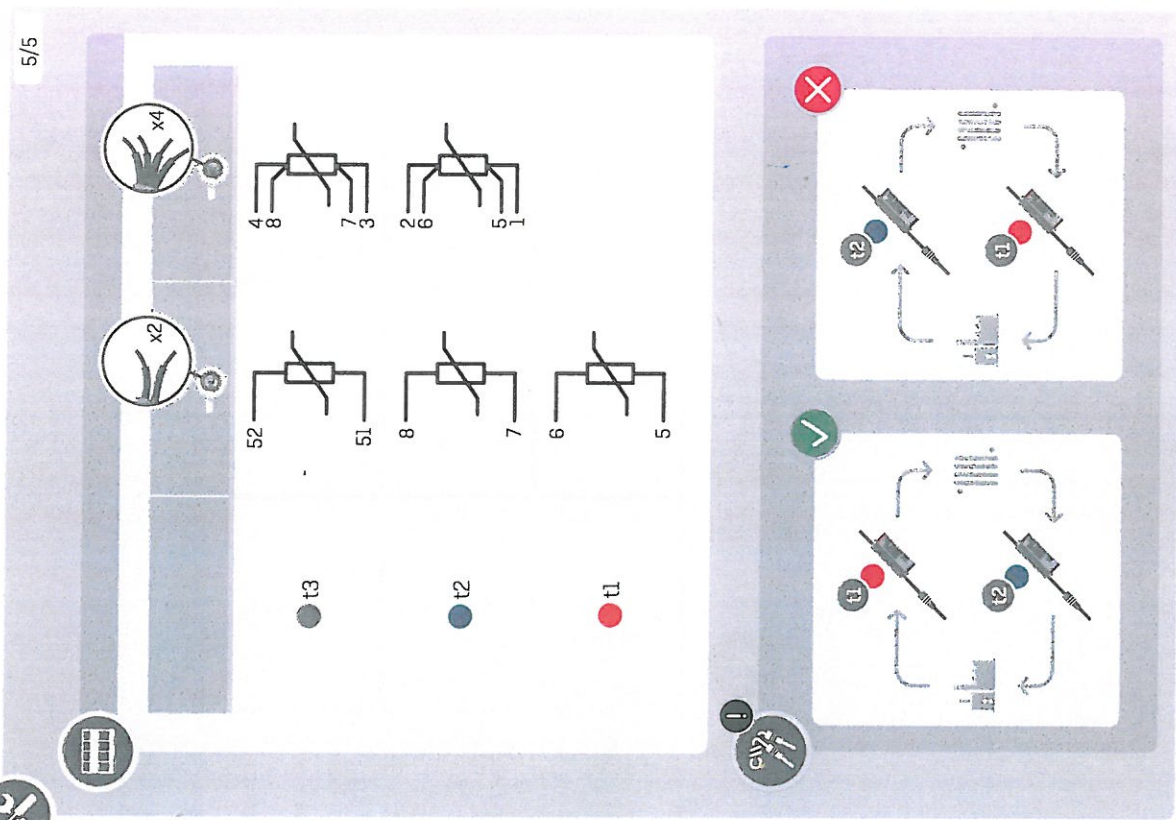




4/5

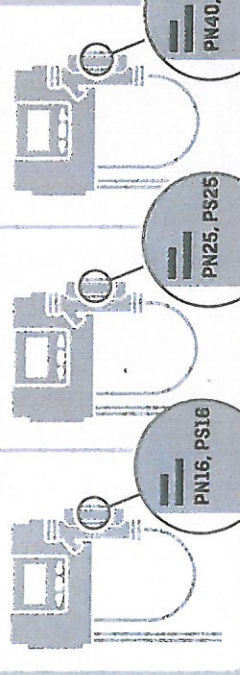


5/5

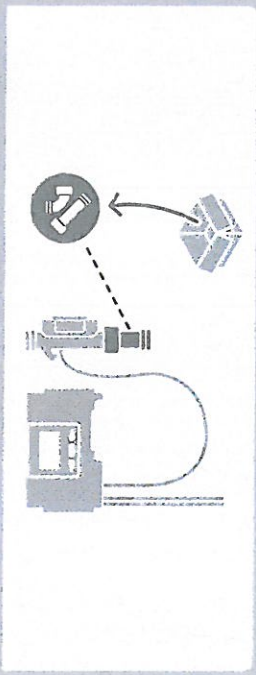




PN16, PS16	PN16, PS16 < DNI100	PN16, PS16
PN25, PS25	PN25, PS25	PN25, PS25
PN40, PS32	PN40, PS32	PN40, PS32



- PN16, PS16 ✓
- PN25, PS25 ✓
- PN40, PS32 ✗



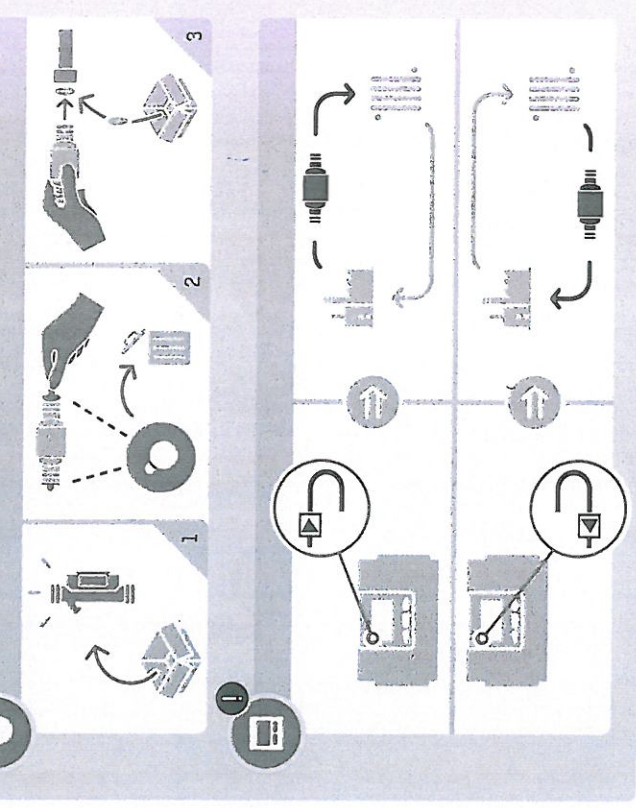
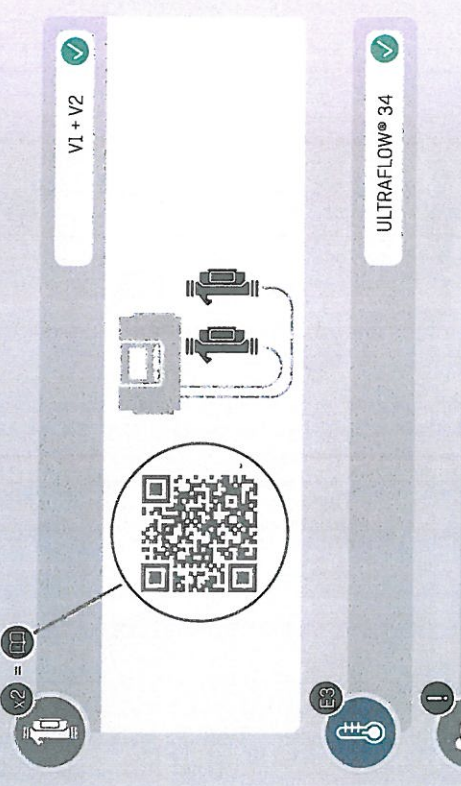
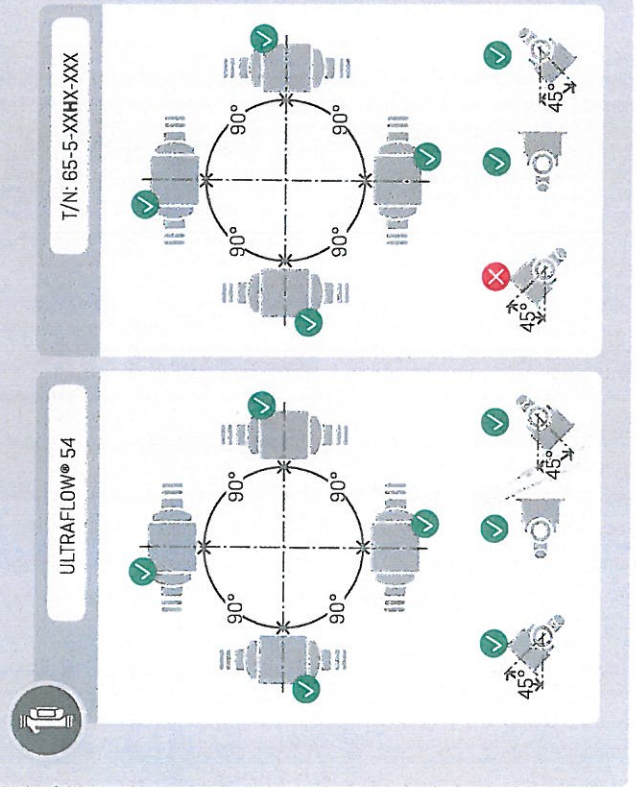
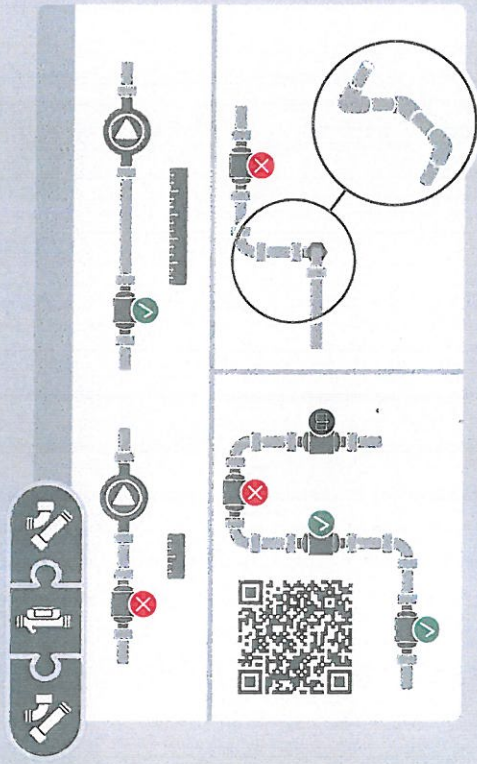
ULTRAFLOW®

11-	9+	69 ↗	11-	9+	10 ↗
●	●	●	●	●	●
V2			V1		



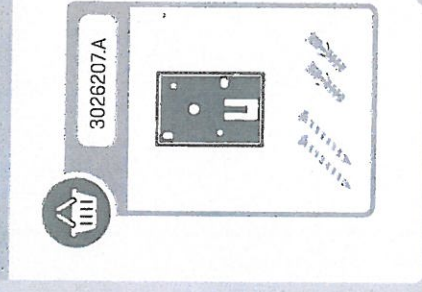
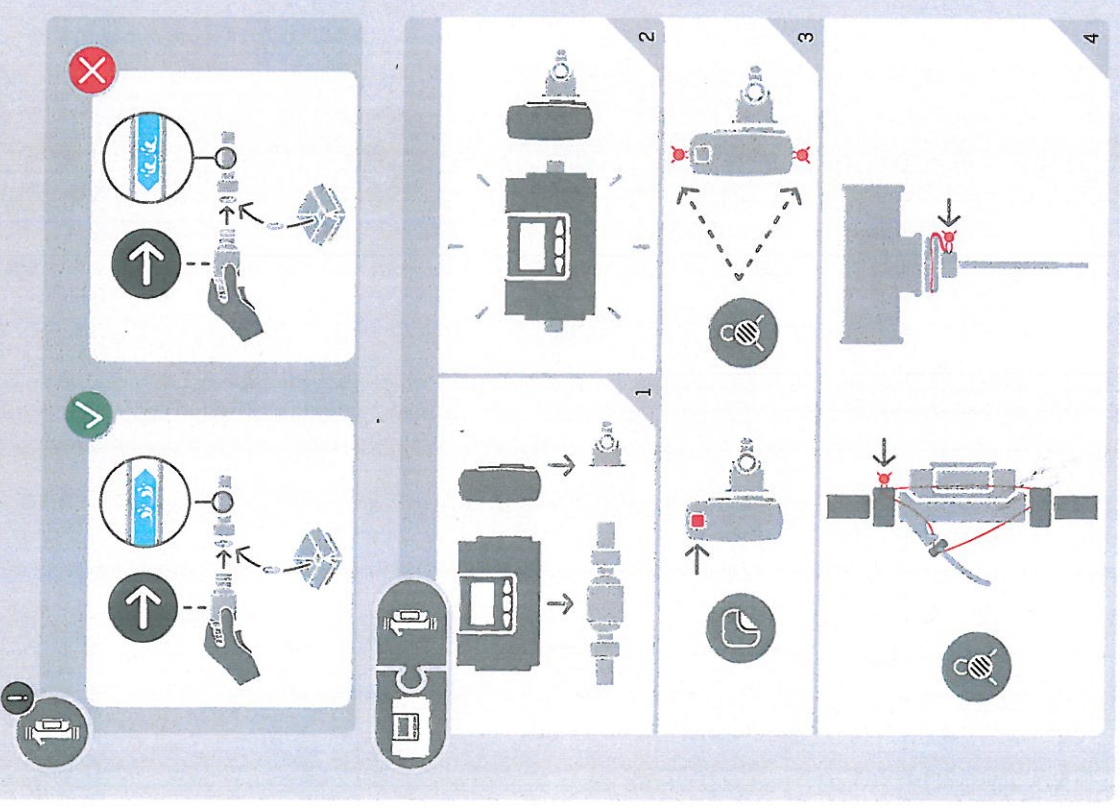
V1	11-	10 ↗
V2	11-	69 ↗

V1	11B-	10B+
----	------	------

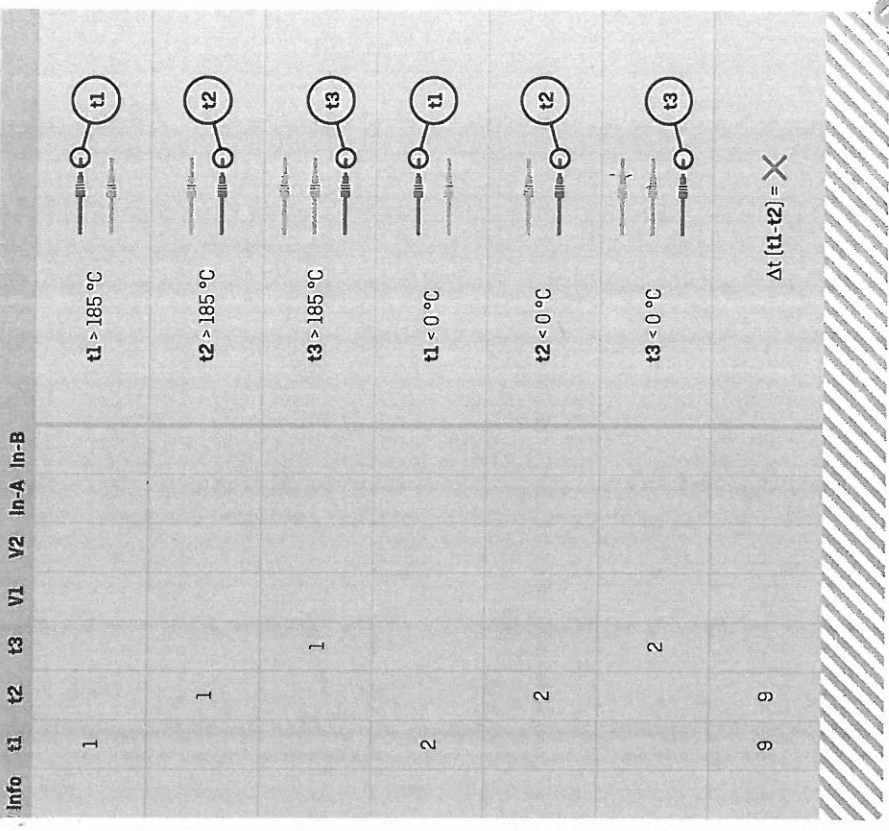
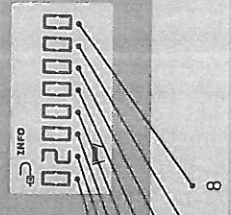
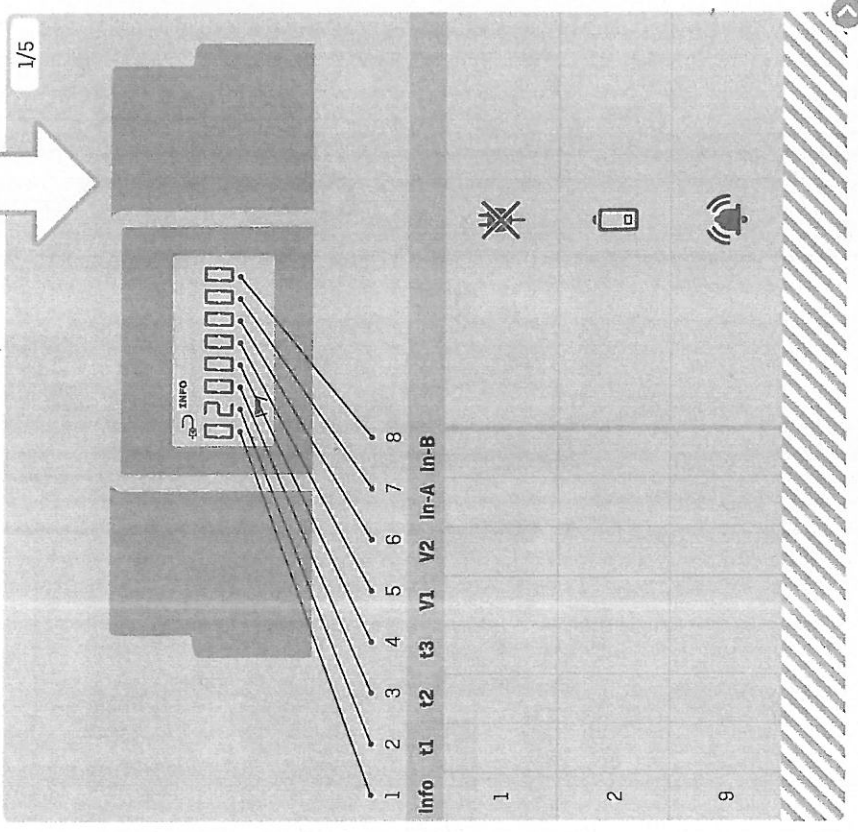




5/6

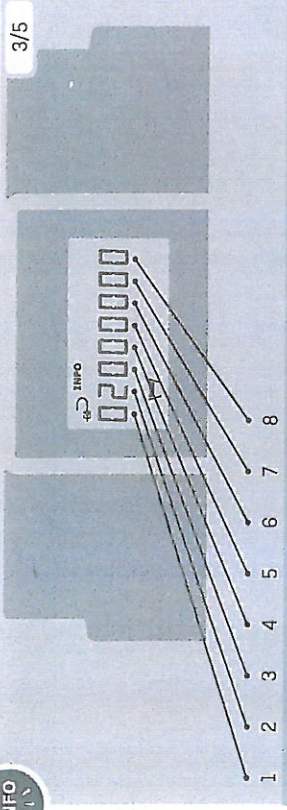


E3





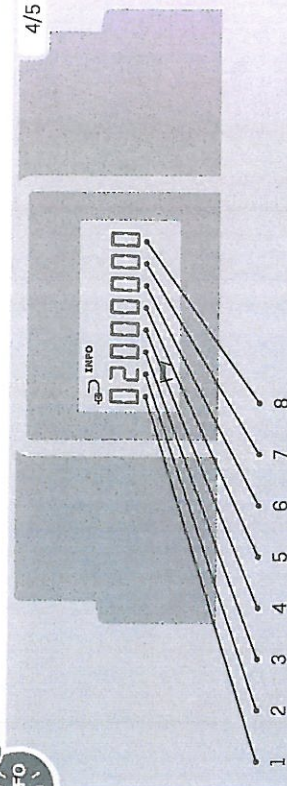
3/5



Info	t1	t2	t3	V1	V2	In-A	In-B
1							
2				V1: $p/I = \times$	V2: $p/I = \times$		
3							
4							



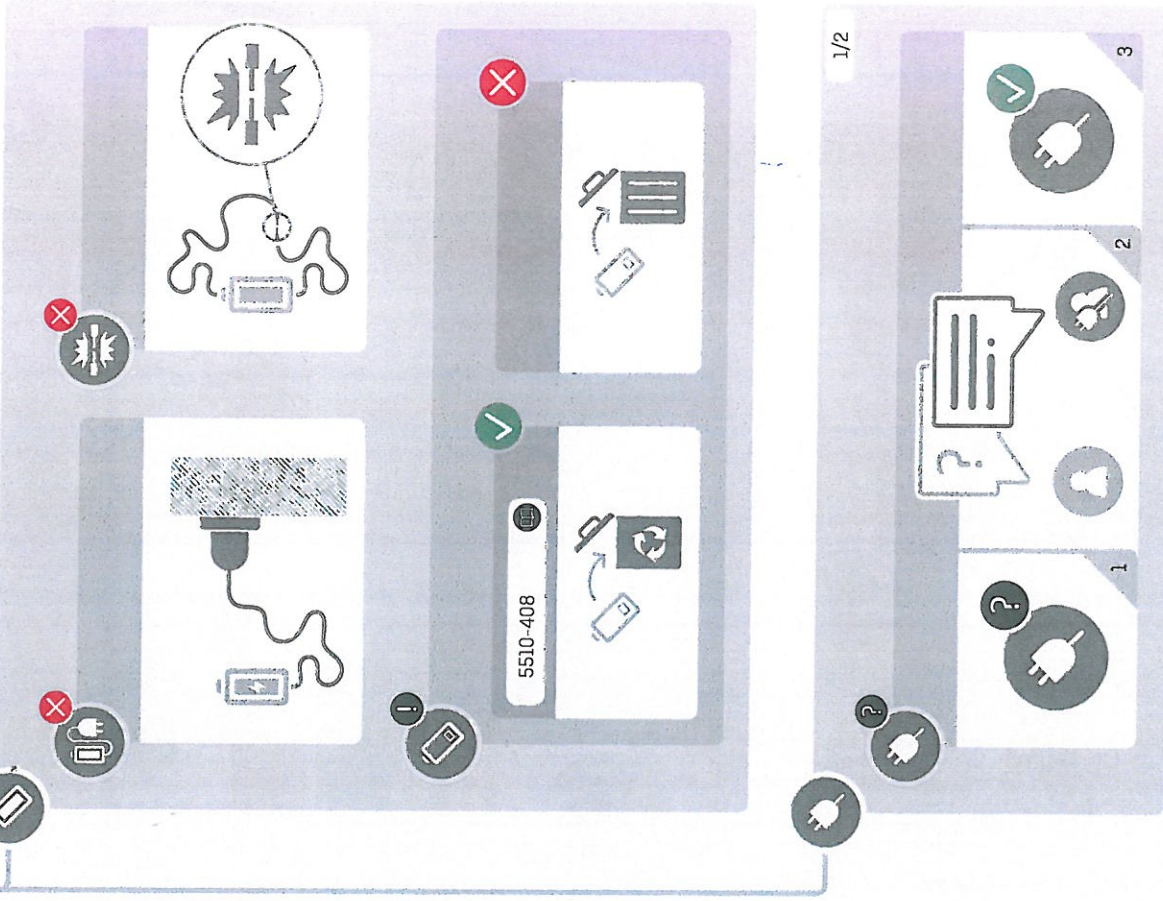
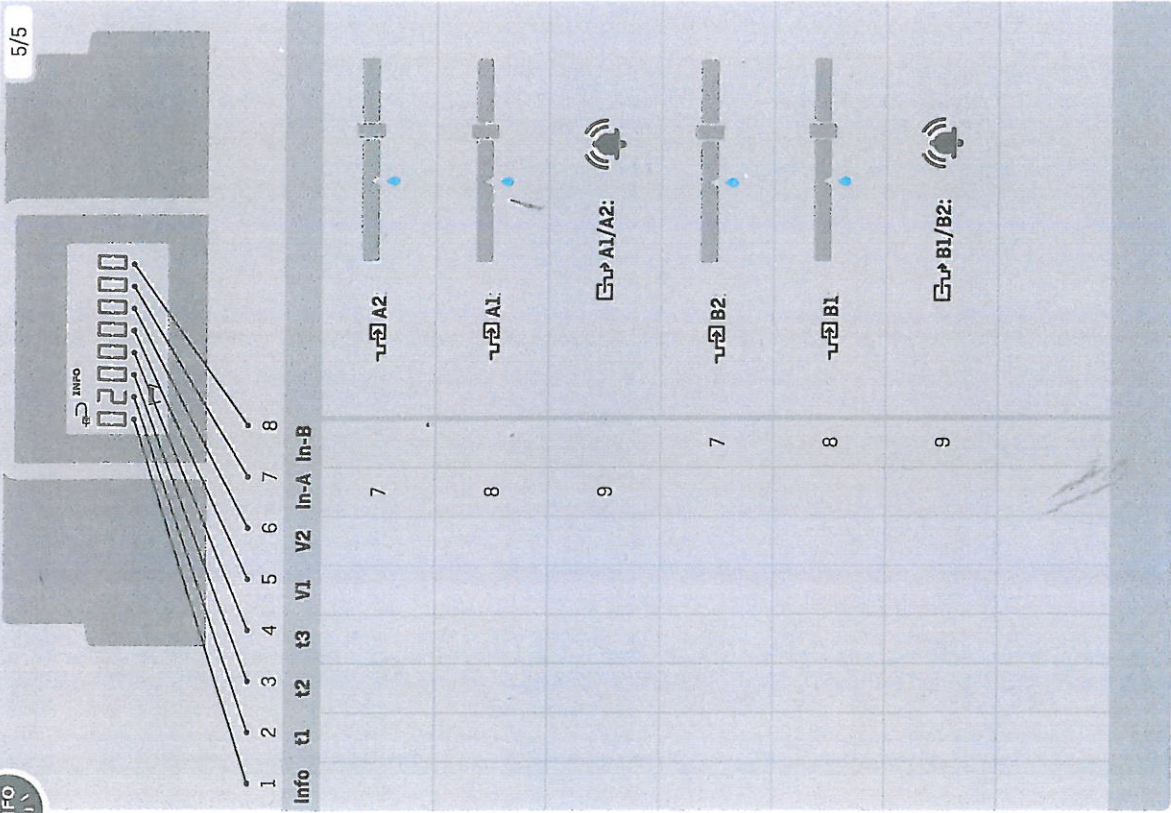
4/5



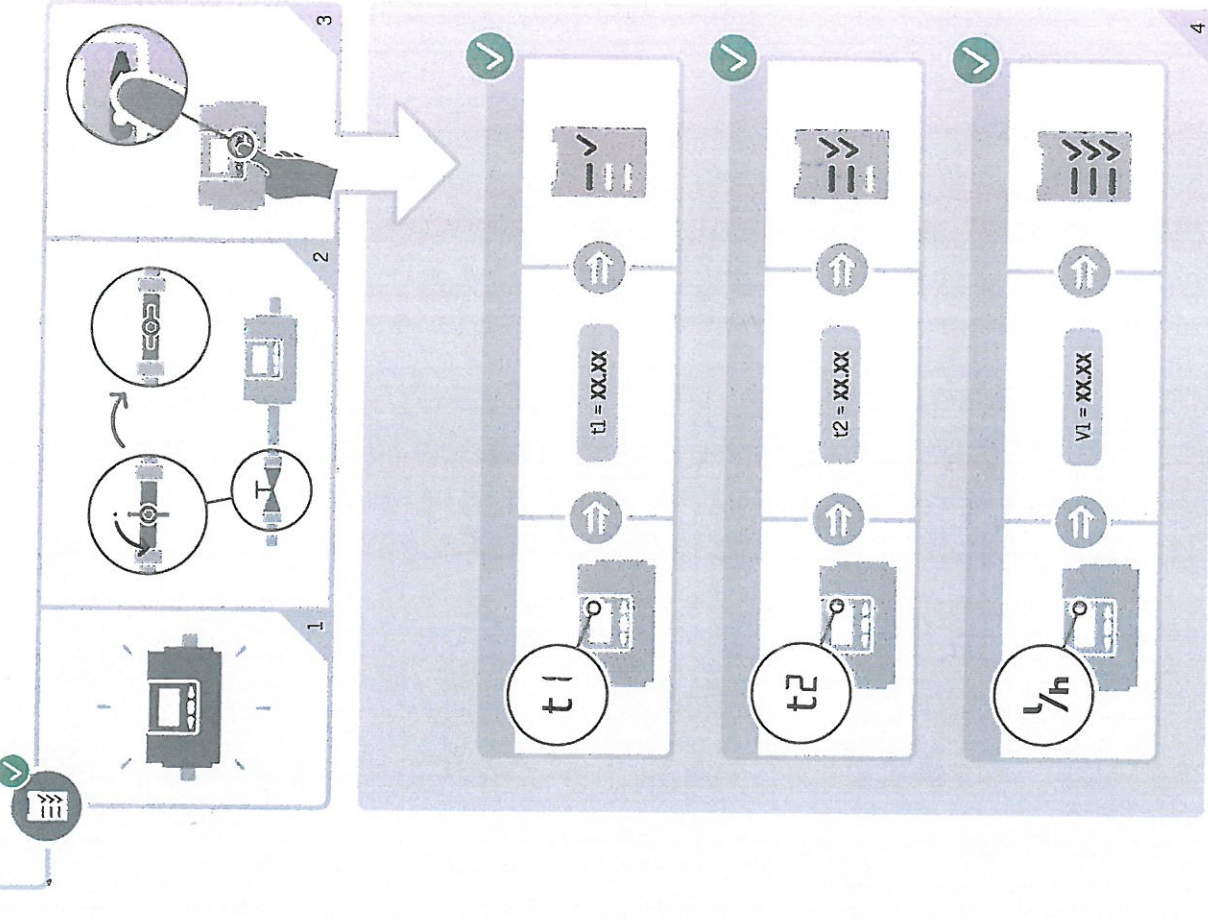
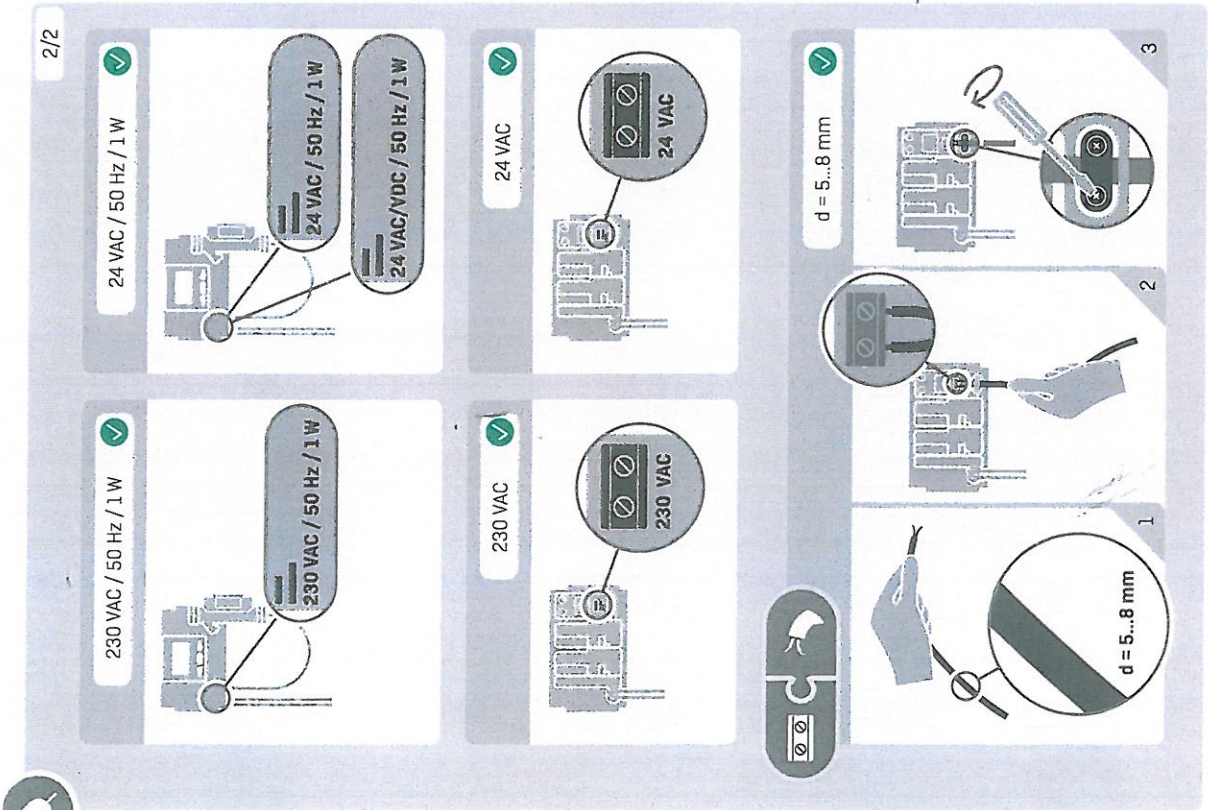
Info	t1	t2	t3	V1	V2	In-A	In-B
4					V2: $V1 > qs$		
6					V2: $V2 > qs$		
7							
8							



5/5



1/2





✓	Data + \square : HC-003-10
✓	Data + \square : HC-003-11
✓	M-Bus + \square : HC-003-20
✓	M-Bus + \square : HC-003-21
✓	M-Bus : HC-003-22
✓	wM-Bus + \square : HC-003-30
✓	wM-Bus + \square : HC-003-31
✓	Analog \square : HC-003-40
✓	Analog \square : HC-003-41
✓	PQT Controller : HC-003-43
✓	Kamstrup RF \square : HC-003-50
✓	Kamstrup RF GDPR \square : HC-003-51
✓	LON TP/FT-10 \square : HC-003-60
✓	BACnet MS/TP + \square : HC-003-66
✓	Modbus RTU + \square : HC-003-67
✓	2G/4G Network : HC-003-80
✓	Modbus/KMP TCP/IP \square : HC-003-82
✓	READY TCP/IP \square : HC-003-83
✓	Kamstrup RF HP \square : HC-003-84
✓	Kamstrup RF HP GDPR \square : HC-003-85

\square = In-A / In-B
 \square = Out-C / Out-D
 \square = In 1 / In 2
 \square = Out 1 / Out 2



1: £ 1 0030297 MWh
 2: £ 3 0015363 MWh
 3: VOL 0105133 m³
 4: 0018483 h

E1 (Temperature)
 E3 (Temperature)
 VOL (Volume)

kamstrup



MULTICAL® 603 & ULTRAFLOW®

