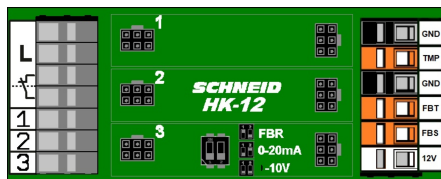


Heating circuit module HK12

Connection diagram:

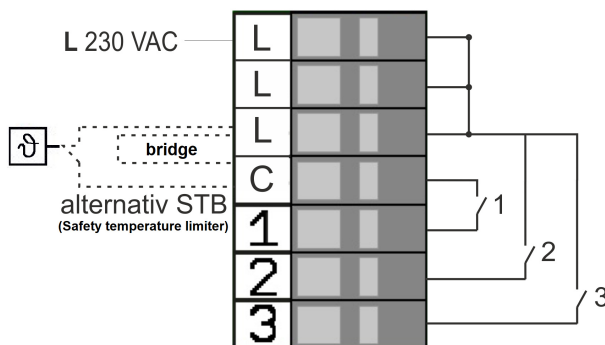
Outputs 230VAC

1P1 Pump of Heating Circuit 1	1
1M1 Circuit 1 of Mixed Valve OPEN	2
1M1 Circuit 1 of Mixed Valve CLOSED	3



Heating Module Circuit 1

GND	
TMP	1T1 Flow Temperature Circuit 1
GND	Remote Control Circuit 1
FBT	Remote Control Room Temperature
FBS	Remote Control Signal
VCC	Remote Control Supply



Connections 230V:

L	connection 230VAC
L	additional connection 230VAC (continuation to further module)
1	output heating circuit pump
2	output heating circuit mixer OPEN
3	heating circuit mixer CLOSE output
N	neutral conductor
PE	

Signal connections:

GND	Signalground
TMP	Heating circuit flow temperature sensor
GND	Signalground
FBT	Room temperature sensor
FBS	Remote control signal line
VCC	Remote control supply line

Heating circuit module HK12

Connection diagram:

Outputs 230VAC

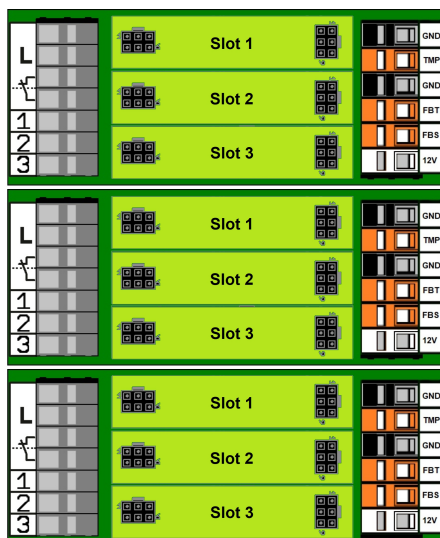
- 1P1 Pump of Heating Circuit 1 1
- 1M1 Circuit 1 of Mixed Valve OPEN 2
- 1M1 Circuit 1 of Mixed Valve CLOSED 3

Outputs 230VAC

- 2P1 Pump of Heating Circuit 2 1
- 2M1 Circuit 2 of Mixed Valve OPEN 2
- 2M1 Circuit 2 of Mixed Valve CLOSED 3

Outputs 230VAC

- 3P1 Pump of Heating Circuit 3 1
- 3M1 Circuit 3 of Mixed Valve OPEN 2
- 3M1 Circuit 3 of Mixed Valve CLOSED 3



Heating Module Circuit 1

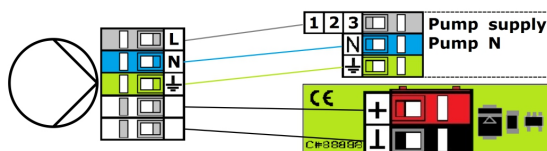
- GND
- TMP 1T1 Flow Temperature Circuit 1
- GND Remote Control Circuit 1
- FBT Remote Control Room Temperature
- FBS Remote Control Signal
- 12V VCC 12VDC

Heating Module Circuit 2

- GND
- TMP 2T1 Flow Temperature Circuit 2
- GND Remote Control Circuit 2
- FBT Remote Control Room Temperature
- FBS Remote Control Signal
- 12V VCC 12VDC

Heating Module Circuit 3

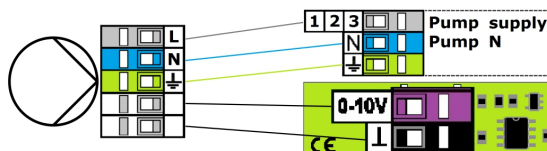
- GND
- TMP 3T1 Flow Temperature Circuit 3
- GND Remote Control Circuit 3
- FBT Remote Control Room Temperature
- FBS Remote Control Signal
- 12V VCC 12VDC



(Excerpt from the AKP-connection sheet)

Slot 1-3

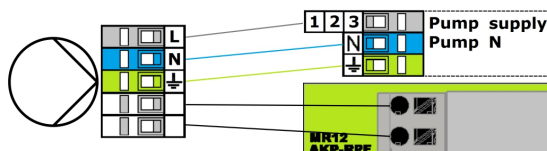
(depending on the configuration required)



(Excerpt from the AKP-connection sheet)

Slot 1-3

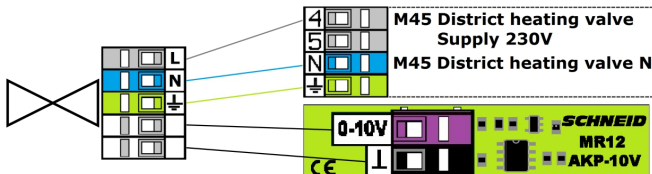
(depending on the configuration required)



(Excerpt from the AKP-connection sheet)

Slot 1-3

(depending on the configuration required)



(Excerpt from the AKP-connection sheet)

Slot 4

