

# Heating circuit module HK08

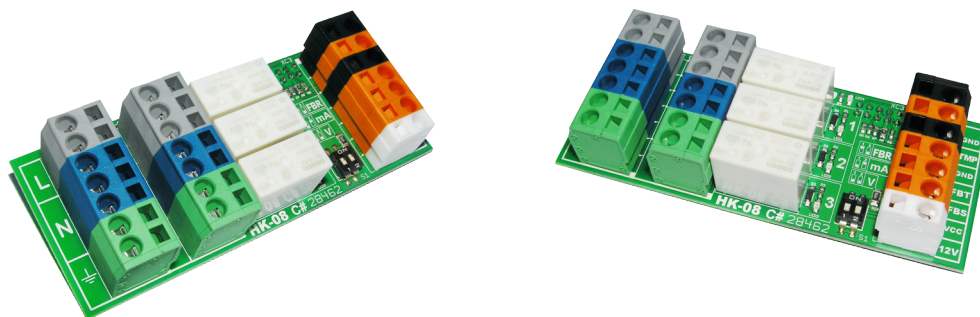


Schneid GesmbH | Gewerbering 16 | A-8054 | Graz/Pirka | Tel: +43 (316) 285022

Products, data sheets, documentation, MR12-SCHEMA-calculator: [www.schneid.at](http://www.schneid.at)

## Heating circuit module (HK) 08 for the module controller MR06 / 07/08/12

Order number:	300.17408
Order code:	Heizkreismodul-HK08 STANDARD



### Overview:

The SCHNEID heating circuit module-HK08 STANDARD is used to connect to a SCHNEID basic module controller. With this module a complete mixer heating circuit including remote control connection possibility can be realized.

### The following inputs and outputs are available:

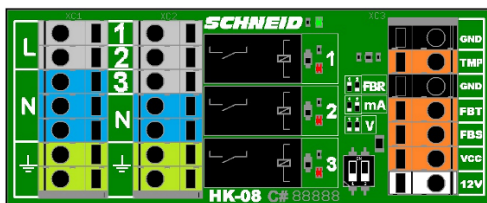
- Three-point output heating circuit mixer
- Two-point output heating circuit pump
- Flow temperature sensor
- Remote control with built-in room sensor
- LED display for pump and mixer status

### Connection diagram:

#### Outputs 230VAC

- |                                   |   |
|-----------------------------------|---|
| 1P1 pump heating circuit 1        | 1 |
| 1M1 mixing valve circuit 1 OPEN   | 2 |
| 1M1 mixing valve circuit 1 CLOSED | 3 |

- FBR 0-20mA
- V 0-10V



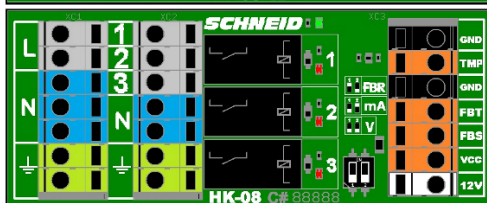
#### Heating circuit module circuit 1

- |     |                                 |
|-----|---------------------------------|
| GND |                                 |
| TMP | 1T1 flow temperature circuit 1  |
| GND | room remote control circuit 1   |
| FBT | remote control room temperature |
| FBS | remote control signal           |
| VCC | remote control supply           |
| 12V | 12VDC output (max. 100mA load)  |

#### Outputs 230VAC

- |                                   |   |
|-----------------------------------|---|
| 2P1 pump heating circuit 2        | 1 |
| 2M1 mixing valve circuit 2 OPEN   | 2 |
| 2M1 mixing valve circuit 2 CLOSED | 3 |

- FBR 0-20mA
- V 0-10V



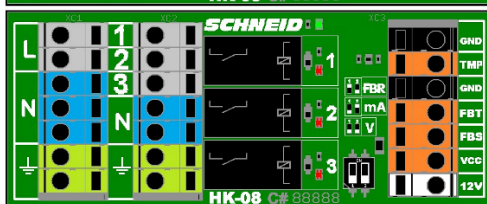
#### Heating circuit module circuit 2

- |     |                                 |
|-----|---------------------------------|
| GND |                                 |
| TMP | 2T1 flow temperature circuit 2  |
| GND | room remote control circuit 2   |
| FBT | remote control room temperature |
| FBS | remote control signal           |
| VCC | remote control supply           |
| 12V | 12VDC output (max. 100mA load)  |

#### Outputs 230VAC

- |                                   |   |
|-----------------------------------|---|
| 3P1 pump heating circuit 3        | 1 |
| 3M1 mixing valve circuit 3 OPEN   | 2 |
| 3M1 mixing valve circuit 3 CLOSED | 3 |

- FBR 0-20mA
- V 0-10V



#### Heating circuit module circuit 3

- |     |                                 |
|-----|---------------------------------|
| GND |                                 |
| TMP | 3T1 flow temperature circuit 3  |
| GND | room remote control circuit 3   |
| FBT | remote control room temperature |
| FBS | remote control signal           |
| VCC | remote control supply           |
| 12V | 12VDC output (max. 100mA load)  |

# Heating circuit module HK08

## 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
12VDC	output (load max. 100mA)

## Scope of delivery:

SCHNEID heating circuit module-HK08 STANDARD including ribbon cable 10-pin, 800mm standard length

## Technical specifications:

Intrastat Number	8537.10.91.90
Country of origin	EU/AT
Height, width, depth (in mm)	40x100x24
Weight in (kg)	0,067
Degree of protection	IP-20
Ambient temperature	0°C....+40°C
Operating voltage	12VDC
Power consumption	< 1VA
Max. Nominal current per output	2A continuous current // max. 15A inrush current
Relay output life	50 x 10 <sup>3</sup> switching cycles
Connection type	Fixed wiring terminals
Connection technology	Spring clamp
Cable cross section	Max. 2.5mm <sup>2</sup>
Mounting type	DIN-RAIL TS35
Operating time	Continuous operation
Degree of pollution	2
Rated impulse voltage	1kV
Sensor type temperature sensor	PT1000