

## TECHNICAL DETAILS

- > Voltage: 230 V
- > Power: 15, 20 W/m
- > Temperature-resistant: Up to 90 °C
- > Heating conductor installation: In accordance with VDE NH2G2GQUY
- > Min. bending radius: 5 d
- > IP Rating: IP X7
- > Safety function: Earth-leakage circuit breaker, 30 mA
- > Connection cable (no plug): 3 m, 2 x 1.5 (2.5) mm<sup>2</sup> with aluminium netting + protective conductor
- > Certification: EC compliant

## BENEFITS OF THIS PRODUCT

- + 100 to 267 W/m<sup>2</sup>
- + Ideal for free laying
- + Perfect for challenging room geometry
- + Easy installation due to one connection line
- + Flexible laying distance
- + Connection cable (no plug) custom-made available
- + Finishing custom-made available

## ETHERMA RLH

Dipole heating loop for free-mount installation in screed flooring



ETHERMA RLH is a factory-prepared heating loop with 15 or 20 W/m output. This consists of a dipole heat conductor and a permanently water-proof, non-heating connector line (PTC resistor) with a standard length of 3 m. RLH heating loops are ideal for free laying in concrete flowing screeds in indoor areas for tempering the floor temperature. The laying distance allows an application-oriented installation for every room. The power output of the heated surface varies with the laying distance.

## Heating loop RLH-15, 15 W/m, 230 V, IPX7

RG: 001 | LZ: 1 week

Type	Art. no.	Output (W)	Heating surface in m <sup>2</sup> at laying distance			Length (m)
			7.5 cm; 200 W/m <sup>2</sup>	10 cm; 150 W/m <sup>2</sup>	15 cm; 100 W/m <sup>2</sup>	
RLH-15-9	34438	147	0.7	0.9	1.4	9
RLH-15-12	34439	176	0.9	1.2	1.8	12
RLH-15-13	34440	203	1.0	1.3	2.0	13
RLH-15-17	34441	259	1.3	1.7	2.6	17
RLH-15-24	34442	358	1.8	2.4	3.6	24
RLH-15-30	34443	441	2.3	3.0	4.5	30
RLH-15-35	34444	521	2.6	3.5	5.3	35
RLH-15-42	34445	617	3.2	4.2	6.3	42
RLH-15-59	34446	879	4.4	5.9	8.9	59
RLH-15-78	34447	1179	5.9	7.8	11.7	78
RLH-15-90	34448	1336	6.8	9.0	13.5	90
RLH-15-99	34449	1484	7.4	9.9	14.9	99
RLH-15-140	34450	2099	10.5	14.0	21.0	140

## Heating loop RLH-20, 20 W/m, 230 V, IPX7

RG: 001 | LZ: 1 week

Type	Art. no.	Output (W)	Heating surface in m <sup>2</sup> at laying distance			Length (m)
			7.5 cm; 267 W/m <sup>2</sup>	10 cm; 200 W/m <sup>2</sup>	15 cm; 133 W/m <sup>2</sup>	
RLH-20-8	38551	166	0.6	0.8	1.2	8
RLH-20-10	36118	212	0.8	1.0	1.5	10
RLH-20-11	36119	240	0.8	1.1	1.7	11
RLH-20-15	36120	294	1.1	1.5	2.3	15
RLH-20-21	36121	420	1.6	2.1	3.2	21
RLH-20-26	36122	509	2.0	2.6	3.9	26
RLH-20-30	36123	608	2.3	3.0	4.5	30
RLH-20-36	36124	720	2.7	3.6	5.4	36
RLH-20-51	36125	1017	3.8	5.1	7.7	51
RLH-20-68	36126	1353	5.1	6.8	10.2	68
RLH-20-77	36127	1562	5.8	7.7	11.6	77
RLH-20-86	36128	1709	6.5	8.6	12.9	86
RLH-20-121	36129	2429	9.1	12.1	18.2	121

## RLH heating loop accessories

RG: 008\* / 007 | DT: in stock

Type	Art. no.	Description
KALT-RS-1.5	34699	PTC thermistor KALT-RS-1.5 for RS heating mats & RLH heating loop, 2x1.5mm <sup>2</sup> , with Aluminium shield + protective conductor
STEG-0	28030	Special formed linking tool, connection every 2.5 cm, length 100 m, not temperature-resistant
MRS	33335	Repair set MRS, for heating cable of heating mats RS & RLH heating loops
FSH-20	26881	Sensor protective pipe made of copper for installation pipe DN-20
eTWIST	40517	Switch mounted thermostat with control dial and app function via Bluetooth 4.2, 16 A, 5-28 °C, white
eTOUCH-eco	40511	Switch mounting thermostat with touch pad, 16 A, 5-35 °C, white
eTOUCH wifi	44722	Switch mounting thermostat with touch pad and WLAN function, 16 A, 5-40 °C, white
eTOUCH mini	39300	Switch mounted thermostat with white touch pad, 16 A, 5-40 °C