

Dual controller for heating boilers KR 85, capillary system, TÜV-tested

Product class B



KR 85.406-2



KR 85.109-2



KR 85.200-5

Technical data

Switching capacity: 15 (8) A, 24–250 V~, at 24 V~ min. 150 mA
Contact: 2 microswitches acting as potential-free change-over contact (reversing switch)
Sensor: liquid type sensor made of Cu
Dip sleeve: MS, nickel plated or V4A (1.4571)
Ambient temperature: –20 ... 55°C
Max. sensor temperature: final value of scale +15%
Degree of protection: IP 43 (optional IP 54)
Protection class: I
Colour: grey (bottom part RAL 7016, upper part RAL 7035)

Application

For application in the heating technics field in boiler systems or heat accumulators, remote energy delivery stations and heat transfer systems. Controller supplied complete with dip sleeve!

TÜV tested (Technical Control Association), DIN 3440 compliant

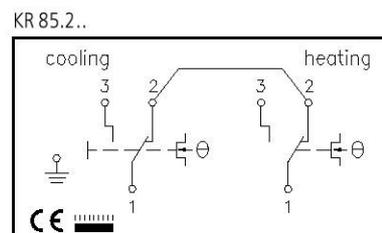
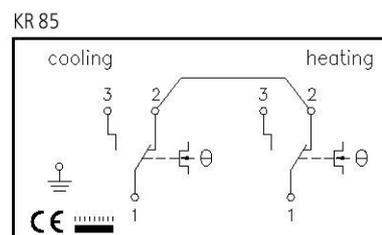
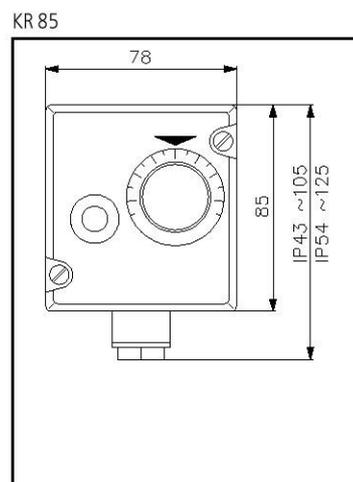
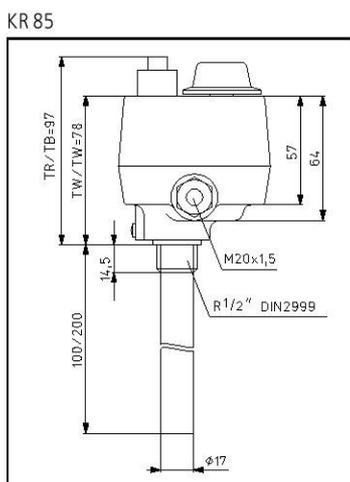
KR 85.1... Register no.: TR/TW 109302

KR 85.4... Register no.: TW/TW 109402

Type	Art.-No.	Temperature range	Switching difference	Length of dip sleeve	Equipment
KR 85.406-2	C 1850506	0...70°C 0...70°C	2 K 2 K	100 mm	Internal loop tuning/TW Internal loop tuning/TW
KR 85.109-2	C 1850518	0...70°C 0...70°C	2 K 2 K	100 mm	External loop tuning/TR Internal loop tuning/TW
KR 85.100-5	C 1850502	35...95°C 35...95°C	3–5 K 3–5 K	100 mm	External loop tuning/TR Internal loop tuning/TW
KR 85.101-5	C 1850516	35...95°C 35...95°C	3–5 K 3–5 K	200 mm	External loop tuning/TR Internal loop tuning/TW
KR 85.400-5	C 1850521	35...95°C 35...95°C	3–5 K 3–5 K	100 mm	Internal loop tuning/TW Internal loop tuning/TW
KR 85.401-5	C 1850522	35...95°C 35...95°C	3–5 K 3–5 K	200 mm	Internal loop tuning/TW Internal loop tuning/TW
KR 85.102-5	C 1850517	35...95°C 50...130°C	3–5 K 8 K	100 mm	External loop tuning/TR Internal loop tuning/TW
KR 85.207-5	C 1850513	35...95°C 85...120°C	3–5 K	200 mm	External loop tuning/TR External loop restoring/TB
KR 85.200-5	C 1850503	35...95°C 95...110°C	3–5 K	100 mm	External loop tuning/TR External loop restoring/TB
KR 85.230-5	C 1850504	35...95°C 95...110°C	3–5 K	100 mm	External loop tuning/TR Internal loop restoring/TB
KR 85.204-8	C 1850512	50...130°C 95...130°C	6–8 K	100 mm	External loop tuning/TR External loop restoring/TB

Optional: IP 54

TR = thermo regulator, TW = temperature controller, TB = temperature limiter (Manual reset after temperature fall of at least 8 K)



All mentioned technical data was determined using our methods and equipment; the data shown is guaranteed in this respect only. It is the responsibility of the customers to ensure suitability for proposed application or for operating according to conditions of use. Subject to change without notice.