

CONTROLLERS FOR ELECTRIC HEATING EKR



PRODUCT HIGHLIGHTS
FOR ONE AND TWO PHASE DUCT HEATERS
CONTROLLED POWER TILL 255 KW
MODERN CASING DESIGN

EKR 6.1 is a proportional controller for electric heating, with automatic adaptation of voltage. An internal or an external sensor is used with the device. EKR 6.1 controls the heating intensity by switching electrical power on or off. The ratio between the on-time and off-time depends on the need for heating and can vary in the range between 0% and 100%. EKR6.1 is suitable for the control of electrical heating only. Its principle of operation preclude its being used for the control of motors or lighting systems. EKR6.1 is not suitable for the control of three-phase electrical current, it is used to control monophasic and diphasic heaters only.

Night function (NIGHT) – setpoint reducing 0..10°C, then timer is connected and its contacts close. Supply air temperatures can be limited (MIN, MAX), then 2 sensors wiring diagram is used.

Type	Controlled load [kW]	Max. controlled current [A]	Voltage [V]
EKR6.1	6,4/400V	16	1x230/2x400
	3,2/230V		