

## CONTROLLERS FOR ELECTRIC HEATERS EKR

FOR THREE PHASE DUCT HEATERS  
CONTROLLED POWER TILL 255 KW  
MODERN CASING DESIGN



EKR15.1, EKR30 is a proportional controllers for electric heaters with automatic voltage adaptation.

EKR15.1P, EKR30P is a proportional controllers for multistep (up to 5 steps) electric heaters with automatic voltage adaptation.

Controllers EKR are designed only for electric heating control. The control principle makes it unsuitable for motor or lighting control. EKR controls the whole load On-Off. The ratio between On-time and Off-time is varied 0-100% to suit the prevailing heat demand.

EKR15.1 can control 15kW heater and has relay output for extra load control with contactor, on which can be connected load up to 12kW. Full load can be 27kW.

EKR15.1P can control with triac output 15kW heater and has four relay outputs for 4 extra load steps control with contactors, on which can be connected load up to 225kW.

EKR30 can control 30kW heater and has relay output for extra load control with contactor, on which can be connected load up to 12kW. Full load can be 42kW.

EKR30P can control with triac output 30kW heater and has four relay outputs for 4 extra load steps control with contactors, on which can be connected load up to 225kW. Full load can be 255kW.

Type	Controlled load [kW]	Relay output	Voltage [V]
EKR15.1	15	1x5A/230V	3x230/3x400
EKR15.1P	15	4x5A/230V	3x230/3x400
EKR30	30	1x5A/230V	3x230/3x400
EKR30P	30	4x5A/230V	3x230/3x400