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PMA - KS40-1 / 42-1

KS401000000E000
PMA TC 1/8DIN 3R 230VAC



- Universal controller
- Panel size 48x96, 96x96 mm
- Two inputs, three outputs
- Three digital inputs

PRODUCT DESCRIPTION

KS40-1 (48x98 mm) and KS42-1 (96x96 mm)

This is a universal controller for industrial applications with PID control, two or three point control. KS40/42 also offers a basic program function with 4 ramp steps, transmitter supply, digital inputs, Modbus RS422/485, can be connected over for manual operation using the “hand” button. They also have a large number of alarm functions in different combinations. A number of functions can be “moved out” to be reached directly with the front buttons.

- Input 1 is a universal input (temperature, resistance and mA/V)
- Input 2 (input signal 0/4-20 mA DC/0-50 mA AC) can be used for an external set point or input for current transformer
- Outputs: three relays or two relays/one logic (13 V or analogue)

KS50-1 is a version produced for the plastics industry and has certain special functions:

- Two selectable sets of parameters
- Two inputs, five outputs
- Extra function button (switch off output, switch to set point value two, change parameter set, etc.
- In the event of a fault control can continue automatically with average values
- Boost-function - burn out material in the event of “freezing”
- Master/slave function with multi-zone control

KS40-1 Burner is a version produced for burners and has certain special functions:

- Quick configuration for burner applications
- Two inputs, three outputs
- Extra function button (switch off output, switch to set point value two, change parameter set, etc.
- 2-step/3-step control modulating, for step motors

Software BlueControl

A fully developed application for controllers which is easily connected via switches at the front. This facilitates all programming and has a simulation function where controller’s functions are shown in their entirety, all functions can be tested before the controller is used in its real application.
Other functions include:

- trend curves
- save data to file
- help text for all parameters
- linearisation of customer specific input signal - 16 points
- configuration printing, etc

The software can be purchased in several different versions, depending on functionality. See Software BlueControl.