



West KS 98-Rail Multi-function Controller

Product Images



Short Description

KS98-Rail is a versatile process automation system for top hat rail mounting. It allows flexible adaption of its in- and outputs to meet the needs of your application.

Please note, the price shown above is for the base CPU unit without any I/O units, modules, or additional options. Please ensure you select the appropriate configuration from the dropdown menus below in order to see the correct final price.

If you require more than one I/O unit, please contact our technical sales team on +44 (0)1243 558270, click on the webchat box below, or fill out our [contact form](#).

Order any [thermocouple](#) , or [pt100](#) temperature sensors you require for your KS 98-Rail from our wide range.

Description

The KS98-Rail process control and data acquisition system combines process monitoring, PID control, sequence control and data logging.

A system is composed of a CPU unit and up to 15 I/O units. The I/O Unit is a module carrier on an independent RailMount housing. Each I/O Unit can be fitted with a selection of up to four modules.

The modular design allows to compose the hardware to exactly fit a specific application. Application programmes can be created and maintained by easily selecting and connecting fully matured reliable function blocks graphically using the “KS98-ET”-utility. This method is ideal for creating individually customised solutions, for sophisticated process control with minimal effort and project risk.

Up-to-date communication interfaces and software utilities ensure easy monitoring and maintenance of your installation even from a remote location.

The sophisticated function block library offers among other things the features mentioned below.

Key Features

- Scaling and linearisation of measured signals
- Controllers with self-tuning, auto/manual, parameter-set and setpoint selection and limitation functions
- Cascaded control loops
- Modular programmer with multiple recipes, auto/manual operation, manual or automatic search, master/slave tracks, etc
- Math and Logic functions
- Datalogger functions to record process values over time
- Event logger to record events with timestamp
- Clock functions
- Dimensions: 99m x 22.5mm x 111mm (HxWxD) each module.

Additional Information

Brand	West
Input Type	Universal (TC, RTD, DC linear mA/mV). Other Inputs: External setpoint, Ratio input, High impedance voltage, Potentiometer input, Digital input, Mathematical functions
Typical applications	HVAC, Industrial, Manufacturing, Plastics

Additional Options

KS 98-Rail CPU	[1]With Connector Set Screw Terminals
	[2]With Connector Set Spring Clamp
Onboard Communication Options	[0]Ethernet and RS485/MODBUS® RTU
	[1]Ethernet, RS485/MODBUS® RTU, and CAN for Remote I/O
Options	[0]None
	[1]Datalogger (incl. SD-card)
Configuration	[0]Default Settings
	[9]Preset to Specification
Certification for CPU Unit	[C]Standard (CE-Certified)
	[U]UL / cUL Certified
KS98-Rail I/O Unit	[1]With Connector Set Screw Terminals
	[2]With Connector Set Spring Clamp
Address Preset for I/O Unit	[0]Without
	[1..F]Address 1..F = 1..15
Select up to 4 I/O Modules (to make multiple selections, hold down ctrl key & click)	[0]Not Fitted
	[U]Universal Input
	[R]Dual Pt100/1000, Ni100/1000, Resistance
	[T]Dual Thermocouple, mV, 0/4..20mA
	[P]0/4...20mA Input with Transmitter Power Supply
	[A]Dual DC Drive Output for SSR
	[L]Dual Linear Out (0/4...20mA)
	[B]Dual Bipolar Linear Out (-10V...10V)
	[D]Dual Digital I/O
Certification for I/O Units	Standard (CE-Certified)