K 38-39

78 x 35 - up to 2 outputs

Regulators / mini-programmers
with wattmeter function and independent timer

- Input for TC, RTD, PTC, NTC, mA or V
- **User Calibration**
- H/C PID Control with overshoot control, self-tune and **2 Autotuning algorithms**
- **8 segment programmer function with events** and stasis control (guaranteed soak)
- **Independent timer** with 4 functioning modes
- H/C On/OFF Control with compressor protection time
- **Wattmeter** for calculating the instantaneous power and energy used
- **Digital Retransmission** of the set point
- **Counter** for days and hours worked with programmable threshold for **programmed maintenance**
- Delay at the start up function
- **Parameter sequence freely programmable**
- Ramp to set point change
- RS485 Serial Communication with Modbus RTU protocol
- Soft start

TECNOLOGIC®
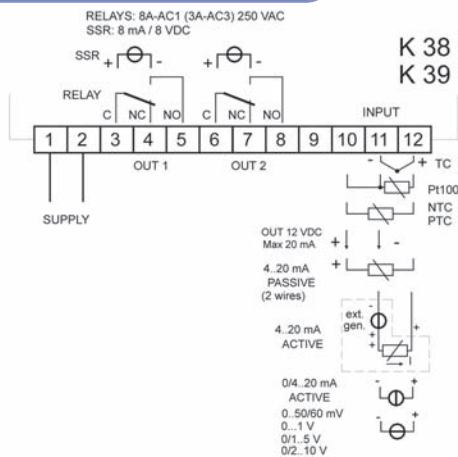
K 38-39 - 78 x 35 - up to 2 outputs

Single and double display

MECHANICAL DATA

Housing: UL 94 V0 self-extinguishing plastic
Mounting: flush in panel
Dimensions: 75 x 33 mm, depth 64 mm
Panel cut-out: 71 (-0 to + 0,6 mm) x 29 (-0 to +0,5 mm)
Display: K38 - 4 Digit single display, red colour, h 12 mm + 3 LED Bargraph
K39 - 4 Digit double display, red and green colour, h 7 mm
Weight: 180 g approx.
Screw terminals: 12 screw terminals (screw M3 for cables from 0.25 to 2.5 mm² or from AWG 22 to AWG 14)
Protection Degree:
- Front protection: IP 65 (with gasket) according to EN 60070-1 for indoor use
- Screw terminal: IP20.

CONNECTIONS

ACCESSORIES

A01 - Programming key
Makes it possible to:
- Memorize the configuration of an instrument to transfer it to other instruments
- Transfer a configuration to a PC
- Memorize a configuration memorized in a PC
- Let the instrument "converse" directly with a PC.

WinTec - Supervisor
- Data Acquisition
- Supervision
- Alarm management
- Recipe management
- Trend
- Reports.

HOW TO ORDER

K38 - = Regulator single display
K38T = Regulator + timer
K38P = Regulator + timer + programmer
K39 - = Regulator double display
K39T = Regulator + timer
K39P = Regulator + timer + programmer

Power supply
F = 12 V AC/DC
L = 24 V AC/DC
H = 100 - 240 V AC

Input
C = J, K, R, S, T, PT100, 0/12...60 mV
E = J, K, R, S, T, PTC, NTC, 0/12...60mV
I = 0/4...20 mA
V = 0...1V, 0/1...5V, 0/2...10V

Out 1
R = SPDT 8 A Relay (resistive)
O = VDC for SSR

Out 2
- = Not available
R = SPDT 8 A Relay (resistive)
O = VDC for SSR

DIMENSIONS (in mm)