

K 38-39

78 x 35 - up to 2 outputs

Regulators / mini-programmers with wattmeter function and independent timer

- Shoemaking Machineries
- Glueing and binding machines (hot glue)

APPLICATION SECTORS

- Packaging and blister packing machines
- Paint booths
- T-shirt print
- Climatic chambers
- Hot runner
- Glass bending ovens
- Extruders
- Industrial baking or large kitchens
- Continuous multi-zone ovens (for PCB, for leather goods, etc.)
- Ceramics ovens
- · Heat-treatment ovens
- · Ovens for goldsmiths and dentists
- Simple cascade controls

- 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



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

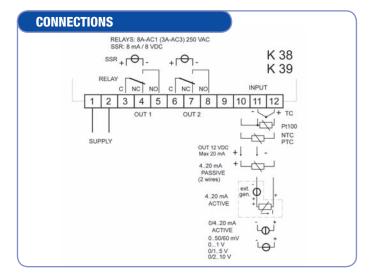
Weight: 180 g approx.

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.



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.



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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

 $\mathbf{F} = 12 \text{ V AC/DC}$

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)

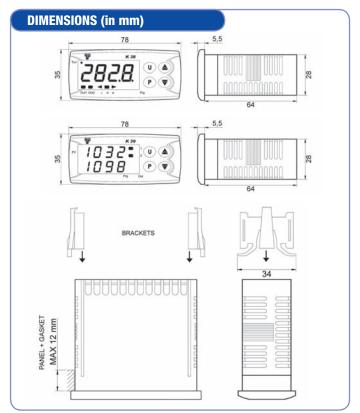
0 = VDC for SSR

Out 2

Not available

R = SPDT 8 A Relay (resistive)

0 = VDC for SSR





COMPANY WITH QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV = ISO 9001:2000