

Description

Backer offers the TC series of temperature controllers from Autonics, characterized by their quality and precision. These are compact design drivers (38% smaller), with high sampling speed (100ms) and many configuration possibilities.

All of them incorporate a high-visibility 4-digit display, with 7-segment LEDs to indicate all the parameters, as well as multiple general and breakdown alarms.

Technical specifications

Measures: Model H: DIN L.48xH.96xW64.5mm
 Model L: DIN L.96xH.96xW.64.5mm
 Model W: DIN L.96xH.48xW.64.5mm
 Model Y: DIN L.72xH.36xW.77mm

Power supply: Models H, L, W:
 AC (100-240 VAC 50/60Hz);
 AC/DC* (24 VAC 50/60Hz, 24-48VDC)

Model Y:
 AC (100-240VAC 50/60Hz)
 AC/DC* (24VAC 50/60Hz, 24-48VDC)

Input: Termocouple K, J, L, Pt100s, Pt100Ω, Cu50Ω

Display: 7 segments (Red)
 aux. LED (green, yellow, red)

Control mode: (ON/OFF; P, PI, PD, PID)

Control output: Relay (250VAC 3A 1c),
 SSR (12VDC +- 2V 20mA Máx.)

Warnings output: AL1, AL2 relay: 250VAC 1A (1NO)

Certificates: CE, UL

Benefits

- High speed sampling (100ms)
- With different control algorithms
- PID auto synchronization
- Twin control output
- 3 modes of SSR output
- Deviation monitoring SV/PV
- Main alarms, sensor malfunction.



Model H
48x96x64.9mm



Model L
96X96X64.5mm



Model W
96X48X64.5mm



Model Y
72x36x77mm