

Temperature Controllers

Introduction

Monitor & control Temperature or process applications with precision using the Dwyer Series 16 Controllers. Control methods include ON/OFF, PID, Self tune & Manual tune. RS-485 Modbus® protocol is available as standard. Series 4 controllers offer similar specifications in a larger package.

General Specifications

Display:	2 x 4 Digits LED's
Control Mode:	ON/OFF, PID, Ramp/Soak
Output Type:	
Relay:	SPST, 5A @ 250VAC resistive
Voltage Pulse:	14V, 10% to -20% (max 40 mA)
Current:	4 to 20 mA
Linear Voltage:	0-10V (4B-63 only)
Input Type:	See Model Chart below
Panel Size:	
16 series:	48 x 48mm (1/16 DIN)
4 Series:	96 x 96mm (1/4 DIN)



Series 16



Series 4

Applications

- Food Processing
- Engine Diagnostics
- Heating & Ventilation
- Engineering

Models Available

Code	Description	Inputs
ITC-16B33	Dwyer 16B controller with 2 x relay outputs & 1 x Alarm	Thermocouple, RTD, DC Voltage, DC Current
ITC-16C3	Dwyer 16C Controller with 1 x relay output & 2 x Alarms	Thermocouple, RTD
ITC-4B33	Dwyer 4B Controller with 2 relay outputs & 2 x Alarms	Thermocouple, RTD, DC Voltage, DC Current
ITC-4C3	Dwyer 4C Controller with 1 x relay output & 2 x alarms	Thermocouple, RTD
SCD-SW	Configuration software is available for ease of setting up multiple controllers	
MN-1	Mini-Node™ USD/RS-485 Converter	

Postal Address
 Homersham Ltd
 PO Box 280
 Christchurch 8140
 NEW ZEALAND

Phone: 03 3588309
 Phone: 0800 659888

Website: www.homershams.co.nz

Delivery Address
 Homersham Ltd
 3 Homersham Place
 Burnside
 Christchurch 8053
 NEW ZEALAND

Fax: 03 3582516
 Fax: 0800 659777

E-mail: info@homershams.co.nz



Temperature
 Pressure