

## Temperature Monitor

### Alarm Monitoring System

**T4004NV4CAI** - T400 NTC Elite Control Module  
24 VDC; ATEX and IECEx Zone 21 and Zone 22

**T4004NV46CAI** - T400 NTC Elite Control Module  
110-240CAV 50/60Hz or 24VDC  
ATEX and IECEx Zone 22

#### APPLICATION

Unique low cost alarm/indicator panel for use with NTC temperature sensor. ADB810 or WDB810 series sensor types from 4B are recommended.

#### METHOD OF OPERATION

The T400N ELITE is a microprocessor controlled unit which is able to accept signals from different sources in 8 zones, and is able to cause alarm and shutdown of the machine when alarm conditions are detected. The control unit is housed in a self contained wall mounting enclosure. A test push button on the lid of the control unit provides for full system verification. Alarm and status LEDs provide quick location of the alarm condition, and voltage free relay contacts provide separate alarm and shutdown control. An alarm mute push button is provided on the lid of the control unit and additional connections are provided for an external alarm mute functionality.

#### FEATURES

- ▶ Monitors up to temperature 8 Zones
- ▶ Selectable Alarm Temperature Level
- ▶ Configurable Alarm and Stop Delays
- ▶ LED Alarm Indication and Power Status
- ▶ Alarm Mute - Automatic Reactivation on New Alarm
- ▶ Test Feature – Externally Controlled Test Facility
- ▶ Dust Hazard Approved

#### Option

- ▶ TX400PLCB PLC Relay Board with 8 relays



Please refer to instruction manual for correct installation.  
Information subject to change or correction. Mar 2016

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# T400N Elite

BETTER BY DESIGN



## TECHNICAL SPECIFICATIONS

Type	T4004NV4CAI	T4004NV46CAI
Approvals	ATEX and IECEx Zone 21	ATEX and IECEx Zone 22
Power Supply	24 VDC	110 -240VAC
		24VDC
Consumption	10 VA	
Protection	IP 66	
Temperature inputs	8 x NTC Temperature Sensors with configurable alarm temperature	
Relay Contact	2 x ALARM : 1 contact NO 8A 250VAC	
ALARM		
Relay Contact	2 x STOP : 1 contact NO 8A 250VAC	
STOP		
Dimensions	HxWxD:246x188x102mm	
Cable Entries	2 x Drill Diameter = 28mm	
Fixation Points	222x102mm	
Weight	1,3Kg	

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Detailed specification, wiring diagrams and installation/operating instructions available upon request.