



Safety High Limit Type Thermostat

Manufacturer: Columbus Electric

Model: TC1081A3C

Description

The TC1081A3C is a pushbutton manual reset limit control. It is designed for installation in return air ducts to shut down heating/air conditioning equipment or ventilating fans when the duct temperature exceeds a preset limit.

The cut-out temperature is field adjustable in a range of 100°F to 250°F (38°C to 121°C). Once set, the temperature setpoint can be locked in place by tightening the screw in the setpoint lever. This device is shipped with the cut-out temperature preset at 135°F (57°C). It can be manually reset without removing the cover. The helix bimetal sensing element is protected from damage by a rigid outer shield.

Specifications

Adjustment Range: 100°F to 250°F (38°C to 121°C)

Switch Action: SPDT

Element: 7.5"

Electrical Ratings:

Inductive:

9.8 F.L.A. @ 120 VAC

58.8 L.R.A. @ 120 VAC

4.9 F.L.A. @ 240 VAC

29.4 L.R.A. @ 240

2000 VA Maximum connected load

Weight: 1.0 lbs. (.45 kg)

Model Selection

Model Number	Description	List Price
TC1081A3C	Safety high limit, manual reset, 7.5" element	\$59.00 ea.

Accessories Selection

Model Number	Description	List Price
N/A	N/A	N/A

Features / Benefits / Applications

- Manual reset
- Adjustable setpoint
- Bimetal sensing element protected by rigid outer shield

Specifying Information

The EM Warehouse has many years of experience in spec writing, design-build and interpretation of written specifications. If we can assist you in this area just E-mail your requirements to emw@ecs-controls.com.

Ordering Information

Please contact an EM Warehouse (EMW) representative for the following:

- Wholesale Discount Multiplier - Issued to resellers, contractors and holders of an EIN.
- Retail Discount Multiplier - Issued to individuals and non-holders of an EIN.
- Quantity discounts - Let us help you save money when you need large quantities.
- Application for a line of credit - Submit an application, free of charge, for an open account.
- Product assistance - Receive help in selecting the right product for your needs and applications.
- Order placement - Place your order and receive confirmation on delivery.
- Request manufacturer data sheets - A detailed description of the product information and schematics.
- Request addition information - We are here to assist you in finding answers and alternatives.

The EM Warehouse (EMW) accepts: VISA, Master Card & American Express credit cards.

You can reach us by the telephone and fax numbers listed below or E-mail us at emw@ecs-controls.com.
Customers out-of-state can reach us using our 1-800-642-0538 toll free telephone line.

We look forward to servicing both you and your control needs now and in the future.

©2001 ECS Controls, Inc., Virginia Beach, Virginia. All registered trademarks, trade names or company names referred herein are used for identification only and are property of each respective company.