



Product Data Sheet

Strap-on Changeover Type Thermostat

Manufacturer: Erie

Model: 680-243-6

Description

The 680 Series line voltage changeover switches are designed to switch a thermostat from heating to cooling based on a change in supply water temperature.

The switches are easily mounted to the supply piping with a simple spring clip included with the thermostat. Each changeover switch also includes the necessary wire nuts, strain relief bushing and conduit connection.

Specifications

Setpoint: 74°F (23°C) nominal, fixed

Differential: 14°F (8°C) nominal, fixed

Switch Activation:

Hot Water Temp: 88°F (31°C) or higher

Cold Water Temp: 60°F (16°C) or lower

Switch Action: Snap acting SPDT

Sensing Element: Bimetal disc

Maximum Operating

Temperature Limits: 220°F Fluid Temp @ 125°F

Ambient (-104°C @ 52°C Ambient)

Ambient

Storage Limits: -20°F to 176°F (-29°C to 80°C)

Electrical Ratings:

Inductive:

5.8 F.L.A. @ 120 VAC

34.8 L.R.A. @ 120 VAC

2.9 F.L.A. @ 240 VAC

17.5 L.R.A. @ 240 VAC

Mounting: On 5/8" or 7/8" O.D. pipe

Weight: 0.31 lb.

Model Selection

Model Number	Description	List Price
680-243-6	Strap-on changeover thermostat with conduit connection	\$45.00 ea.

Accessories Selection

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

Features / Benefits / Applications

- Encapsulated switch hermetically sealed
- Mount directly on copper tubing or pipe
- Supplied with wirenuts and spring mounting clip
- Conduit connection

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.