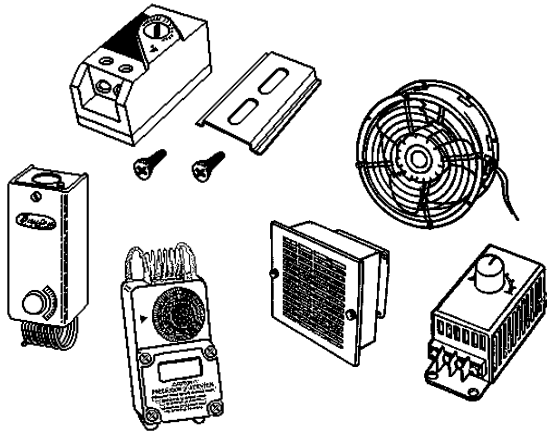


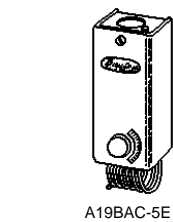
### Climate Control Devices

A wide range of equipment is available on request e.g. Thermostats, Relays, Controls, Heating Equipment, A/C & Refrigeration Equipment, Air Cleaners & Air Filters, Fans & Ventilators, Industrial & Commercial Blowers, etc.

Please request specifically at: [info@BiaGmbH.com](mailto:info@BiaGmbH.com)



| Document         | Catalog No. / Katalog-Nr.                                     | Description / Beschreibung | Weight/ea | VPE/Pack | U/M | EDP-No. |
|------------------|---|----------------------------|-----------|----------|-----|---------|
| <b>1669 7168</b> | <b>Line Voltage Heating, Cooling and Ventilation Controls</b> |                            |           |          |     |         |



A19BAC-5E

|                           |   |      |   |    |               |
|---------------------------|---|------|---|----|---------------|
| <b>A19BAC-5E</b> (2E206)  | Line Voltage Heating, Cooling and Ventilation Control, Heating or Cooling, 30°F to 110°F Temperature Setting, (140 x 51 x 51)mm | 351g | 1 | ea | <b>107175</b> |
| <b>A19BAA-12E</b> (2E728) | Same as above, Cooling Only   | 366g | 1 | ea | <b>105666</b> |

Further informations can be found in documents indicated.

#### Description

The single stage Models **A19BAC-5E** #2E206 (SPDT) and **A19BAA-12E** #2E728 (SPST) are designed to control automatic ventilation or heating systems. The 30°F to 110°F temperature range permits use for many space applications. Two stage Model **A28AA-21E** #2E207 (SPDT) is available on request.

**NOTE:** Not for use where a National Electrical Code (NEC) Article 547 approved control is required. The switches are enclosed and protected. A corrosion resistant, stainless steel helical temperature element is firmly attached to the exterior of the case and when the thermostat is mounted with bulb pointed down, it is protected from falling objects, dirt, etc.

#### Specifications

Model **A19BAA-12E** #2E728: One SPDT switch (one set of contacts open or closes on temperature rise).  
 Model **A19BAA-12E** #2E206: One SPDT switch (one set of contacts open or closes on temperature rise and the other set closes simultaneously).  
 Model **A28AA-21E** #2E207: Two SPDT switches, with one stage operating 3°F higher than the other stage.

Range: 30°F to 110°F (140°F maximum overrun temperature).  
 Case: 1.6mm (.062") Galvanized steel.  
 Cover: 0.65mm (.025") cold rolled steel. Gray baked enamel finish.  
 Contact Unit: Snap acting contacts in dust protected enclosure.



|             |  |  |  |  |  |  |
|-------------|--|--|--|--|--|--|
| <b>7169</b> | <b>NEMA 4X Raintight Temperature Control</b> |  |  |  |  |  |
|-------------|--|--|--|--|--|--|



TF115

|                      |  |      |   |    |               |
|----------------------|--|------|---|----|---------------|
| <b>TF115</b> (4E636) | NEMA 4X Raintight Thermostat (SPDT) - Heating, Cooling and Ventilation Control, Heating or Cooling, 40°F to 110°F Temperature Setting, (178 x 76 x 66)mm | 266g | 1 | ea | <b>113042</b> |
|----------------------|--|------|---|----|---------------|

Further informations can be found in documents indicated.

#### Description

For use in Agricultural, Commercial, and Industrial Applications.

Gray sealed plastic enclosure with black °F and °C scale knob.

Feature NEMA 4X enclosure; tolerate continuous spraying water, high humidity, airborne contaminants and moderately corrosive conditions.

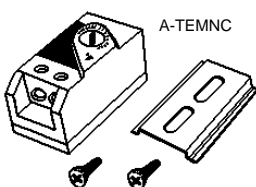
This thermostat has been tested by CSA and Underwriters Laboratories Inc. (UL), meets the requirements for NEMA 4X equipment and is suitable for use under the National Electrical Code (NEC), Article 547-4, when used with appropriate watertight connectors (not included).

All fittings and materials used for the installation should be approved, suitable and installed properly for the intended application. For water tightness, the cord seal or conduit hub should be UL listed and be marked 4X. The conduit hub is to be tightened onto the conduit before installing in the enclosure.

Maximum sensing element withstand temperature is 35°F (20°C) above the highest temperature setting. Maximum temperature for the plastic enclosure is 140°F (60°C).



|                  |  |  |  |  |  |  |
|------------------|--|--|--|--|--|--|
| <b>1749 8796</b> | <b>Temperature Control Switches (Thermostats) for Switch-Gear Enclosures</b> |  |  |  |  |  |
|------------------|--|--|--|--|--|--|



A-TEMNC

|                |   |     |   |    |               |
|----------------|---|-----|---|----|---------------|
| <b>A-TEMNC</b> | Temperature Control Switch, 30 to 140°F, IP30, NC (normally closed) | 63g | 5 | ea | <b>109249</b> |
| <b>A-TEMNO</b> | Temperature Control Switch, 30 to 140°F, IP30, NO (normally open)   | 63g | 5 | ea | <b>109250</b> |

Further informations can be found in documents indicated.

#### Description

These easy to install thermostats are designed to regulate and monitor air temperature in switch-gear enclosures that are set up to operate with heaters, fans, filter ventilators, heat exchangers, and/or signal transmitters. Thermostat A-TEMNC is specifically designed for use with heaters (contacts close on temperature drop), while thermostat A-TEMNO is designed to control fans, filter ventilators, or for switching signal transmitters in the event of overheating (contacts close on temperature rise). Both thermostats have a bi-metallic adjustable set point range of 30 to 140° F. An additional label is provided to convert set point range to degrees Celsius. A preset label is also provided to cover the set point range label after the thermostat is put at desired temperature.

When the enclosure reaches the pre-determined set point, temperature contacts in the thermostat are activated and the fan or heater automatically begins to operate. Thermostats prolong the life expectancy of heaters and fans by curtailing their operating hours and also increase the working efficiency of electrical components by exposing them to fewer contaminants from the surrounding environment. Connections consist of tubular screw terminals for AWG 14 (0.04 in2). Provision for both panel mounting and DIN rail mounting. Housing is plastic UL94-VO.

Protection rating IEC IP30, UL and CSA Component Recognized.

