



Since 1954

3317 Gilmore Industrial Blvd  
Louisville, KY 40213  
(502) 966-3134

[www.ArcoEngineering.com](http://www.ArcoEngineering.com)  
[Sales@ArcoEngineering.com](mailto:Sales@ArcoEngineering.com)

## Temperature Switch Datasheet **United Electric Controls**

p/n: F100-5BS-6S-6S

**FACTORY DIRECT - AUTHORIZED DISTRIBUTOR**  
Contact us for: Application Assistance, Quotes, to [Place an Order](#)

**UE PART NUMBER: F100-5BS-6S-6S**

**ENCLOSURE:** Epoxy Powder Coated  
Die Cast Aluminum  
Captive Cover Screws  
Enclosure Type 4X

**<sup>1</sup> SWITCH:** Single SPDT 15A 125,250,480 VAC Resistive

**ELECTRICAL CONNECTION:** 1/2" NPT Female

**SET POINT ADJUSTMENT METHOD:** Internal

**WETTED AND SENSOR TYPE:** 304SS Armored Capillary with 304SS Remote Bulb

**SENSOR:** 3/8" O.D. x 5" Length Bulb, 6 Ft. Capillary

**ADJUSTABLE SET POINT RANGE:** (-)40 to (+)180 F

**<sup>2</sup> MAXIMUM TEMPERATURE:** 230 F

**COMPLETE SPECIFICATIONS & OPTIONS:** [United Electric 100 Series Product Catalog](#)

<sup>1</sup> See United Electric Controls catalog for further rating details and optional microswitches.

<sup>2</sup> Maximum Temperature: The maximum temperature to which a sensor may be occasionally subjected, which causes no permanent damage. The unit may require calibration.

The information in this document is subject to change without notice and should not be construed as a commitment by ARCO Engineering, Inc. ARCO Engineering, Inc. assumes no responsibility for any errors that may appear on this document. In no event shall ARCO Engineering, Inc. be liable for incidental or consequential damages arising from use of the information described herein.