



## Temperature Sensors

Rev. 06/30/11

BAPI Wall Plates come standard in aluminum or stainless steel with a metallic finish; however, many other color and finish options are available for the single gang, non-louvered units. The color and finish options are available with all three styles of pushbutton override and with the keyswitch override.

**Color and finish options are Special Orders. Minimum order and lead time may apply. Please call BAPI for pricing and availability.**

\* All Passive Thermistors 10K  $\Omega$  and smaller are CE compliant.

### Wall Plate Color & Finish Options (Description below, BAPI part number above)

#### PAINTED STEEL

86	85	84	99	44	88	87
SMOOTH WHITE	WRINKLE WHITE	SMOOTH IVORY	WRINKLE IVORY	ALMOND	ALUMINUM PAINT	MATTE BLACK

  

81	82	98	83	58	51
SPRAYED BRASS	SMOOTH BROWN	WRINKLE BROWN	CHROME PLATE	GRAY	RED

#### BRASS & BRONZE

64	94	66	65	69
SOLID POLISHED BRASS	SOLID SATIN BRASS	SATIN BRONZE	BANK BRONZE MEDIUM	STATUARY BRONZE DARK

#### STAINLESS STEEL

68
302 POLISHED FINISH



Plain



Keyswitch Override



Standard Pushbutton (-O)



Durable Pushbutton (-O1)



Low Profile Pushbutton (-O2) with or without LED



# Wall Plate Color & Finish Options **A43**

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Ordering Information		Wall Plate Units with Color & Finish Options						
BA/		Sensor Type	Required selection	Use the designator number (shown to the left in bold) to indicate the sensor				
	##	<b>THERMISTORS</b>	1.8K	1.8K Ω @ 25 °C	<b>100</b>	100 Ω Platinum @ 0 °C, .385 Ω/°C temp. coeff.		
			3K	3K Ω @ 25 °C	<b>100[3W]</b>	3 Wire 100 Ω Plat. @ 0 °C, .385 Ω/°C temp. coeff.		
			3.25K	3.25K Ω @ 25 °C (T30 type)	<b>1K[375]</b>	1K Ω Platinum @ 0 °C, 3.75 Ω/°C temp. coeff.		
			3.3K	3.3K Ω @ 25 °C	<b>1K[Ni]</b>	1K Ω Nickel @ 21°C, 5 Ω/°C temp. coeff.		
			10K-2	10K Ω @ 25 °C	<b>1K</b>	1K Ω Platinum @ 0 °C, 3.85 Ω/°C temp. coeff.		
			10K-3	10K Ω @ 25 °C	<b>2K</b>	2K Ω Silicon @ 20 °C, 8 Ω/°C temp. coeff.		
			10K-3[11K]	5,238 Ω @ 25 °C				
			20K	20K Ω @ 25 °C				
			50K	50K Ω @ 25 °C				
			100K	100K Ω @ 25 °C				
					<b>RTDs</b>			
					<b>SEMICONDUCTORS</b>			
					<b>334</b>	LM334 Semiconductor		
					<b>592</b>	AD592 Semiconductor, 273 μA @ 0 °C		
					<b>592-10K</b>	AD592 Semicond. w/ 10 kΩ shunt resistor, 2.73 V @ 0 °C		
				<b>TEMPERATURE TRANSMITTERS</b> (not available with switches O1, O2 [all] & K)				
				<b>T100[range]</b>	100 Platinum RTD, 100 Ω @ 0 °C with 4 to 20 mA Output			
				<b>T100M[range]</b>	100 Platinum RTD, 100 Ω @ 0 °C with MATCHED* 4 to 20 mA Output			
				<b>T1K[range]</b>	1K Platinum RTD, 1,000 Ω @ 0 °C with 4 to 20 mA Output			
				<b>T1KM[range]</b>	1K Platinum RTD, 1,000 Ω @ 0 °C with MATCHED* 4 to 20 mA Output			
				<b>T10K[range]</b>	10K Thermistor, 10,000 Ω @ 25 °C with 4 to 20 mA Output			
				<b>T10K5[range]</b>	10K Thermistor, 10,000 Ω @ 25 °C with 0 to 5 VDC Output			
				<b>T10K10[range]</b>	10K Thermistor, 10,000 Ω @ 25 °C with 0 to 10 VDC Output			
				<b>TEMPERATURE TRANSMITTER RANGES</b>				
				Custom temperature transmitter ranges are available. Common ranges are listed below				
		<b>65 TO 80F</b>	<b>18 TO 27C</b>	<b>40 TO 90F</b>	<b>4 TO 32C</b>			
		<b>60 TO 80F</b>	<b>15 TO 27C</b>	<b>45 TO 96F</b>	<b>7 TO 35C</b>			
		<b>55 TO 85F</b>	<b>13 TO 30C</b>	<b>0 TO 100F</b>	<b>-18 TO 38C</b>			
		<b>50 TO 90F</b>	<b>10 TO 32C</b>					
		<b>Finish / Material Designation Required selection</b>						
		<b>Painted Steel</b>		<b>Painted Steel</b>				
		<b>44</b> Almond		<b>86</b> Smooth White				
		<b>51</b> Red		<b>87</b> Matte Black				
		<b>58</b> Gray		<b>88</b> Aluminum Paint				
		<b>81</b> Sprayed Brass		<b>98</b> Wrinkle Brown				
		<b>82</b> Smooth Brown		<b>99</b> Wrinkle Ivory				
		<b>83</b> Chrome Plate						
		<b>84</b> Smooth Ivory		<b>Stainless Steel</b>				
		<b>85</b> Wrinkle White		<b>68</b> Polished Type 302				
				<b>Brass &amp; Bronze</b>				
				<b>64</b> Polished Brass				
				<b>65</b> Bank Bronze Medium				
				<b>66</b> Satin Bronze				
				<b>69</b> Statuary Bronze Dark				
				<b>94</b> Solid Satin Brass				
		<b>Note: Finish and Material Options are Special Orders so please call BAPI for price and availability. Minimum orders and lead times may apply.</b>						
		<b>Optional Override Switch</b>		<b>Not available with a Temperature Transmitter</b>				
		<b>-O</b>	Standard Pushbutton Override Switch					
		<b>-O1</b>	Durable Style Pushbutton Override					
		<b>-O2</b>	Low Profile Style Pushbutton Override					
		<b>-O2G5</b>	Low Profile Pushbutton Override, Green LED, 5 VDC <sup>1</sup>					
		<b>-O2G24</b>	Low Profile Pushbutton Override, Green LED, 24 VDC or VAC <sup>1</sup>					
		<b>-O2R5</b>	Low Profile Pushbutton Override, RED LED, 5 VDC <sup>1</sup>					
		<b>-O2R24</b>	Low Profile Pushbutton Override, RED LED, 24 VDC or VAC <sup>1</sup>					
		<b>-K</b>	Keypress Override: momentary, normally open					
		<b>-OWD</b>	Washdown Keypress, NO & NC					
		<b>Optional Communication Jack</b>		<b>Not available with a Temp. Transmitter</b>				
		<b>-C35</b>	Communication Jack: phono-style (3.5 mm)					
		<b>Optional Spanner Security Screws</b>						
		<b>-SEC1</b>	Spanner Security Screws <sup>2</sup>					
<b>EXAMPLE</b>								
<b>BA/</b>	<b>10K-2</b>	<b>51</b>	<b>-O</b>	<b>-C35</b>	<b>-SEC1</b>			
Example Part Number: BA/10K-2-51-O-C35-SEC1								
<b>Your Part Number:</b>								

Call BAPI if you have questions about the above ordering grid or the configuration of the product you are ordering.

Other color and finish options may be available. Contact BAPI for more information.

<sup>1</sup>Voltage to power LED indicator (5 VDC or 24 VDC or VAC) must come from the controller or other external source.

<sup>2</sup>Security Screws are stainless steel and may not match the color of the aluminum wall plate