



Easy Conversion Chart: BE1-67 to BE1-11f

This simple chart is designed to help you choose the appropriate BE1-11 style configuration with the same minimum coverage as your BE1-67. Just match up the color-coded options on the left (BE1-67) with those on the right (BE1-11f). Options colored black require no selection. For reference, see the product spec style charts on Page 2. For assistance, contact Technical Support at 618-654-2341.

Enter your BE1-67 style configuration below to generate new BE1-11 style.

From **BE1-67 Style Configuration**

To **BE1-11 Style Configuration**

BE1-67	Sensing Input Type	A ¹ B ¹																			
	Sensing Input Range	1 2																			
	Output		E ² F ²																		
	Timing			Z ³																	
	Power Supply				J K L Y Z																
	Target					N ⁴ A ⁴ B ⁴															
	Option 1						0 ⁵ 1 ⁵ 3 ⁵														
	Option 2							N ² C ²													
	Option 3								1 ⁶ 2 ⁶ 3 ⁶ 4 ⁶ 5 ⁶ 6 ⁶												
	Option 4																				
																					F ⁷ P ⁷



BE1-11	Application	F F																			
	Phase Current		5 5	A A																	
	Ground Current																				
	Power Supply																				
	RS-485 Port Protocol																				
	Ethernet Protocol																				
	Case																				
	Inputs/Outputs																				
	Option 1																				
	Network Connections																				
	Option 2																				
	Option 3																				
	Firmware																				

Enter your current BE1-67 configuration below

BE1-67																					
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BE1-11	F				N	0	J	2	N	0	E	0	00
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¹ Sensing Inputs are configured in BESTCOMSPi+us®. No selection necessary.

² Outputs are configured in BESTlogic™Pi+us. No selection necessary.

³ Timing is configured in BESTCOMSPi+us and BESTlogicPi+us. No selection necessary.

⁴ All BE1-11 targets are internally operated. No selection necessary.

⁵ Elements are configured in BESTCOMSPi+us. No selection necessary.

⁶ Angle, Alarms and Outputs are configured in BESTCOMSPi+us and BESTlogicPi+us. No selection necessary.

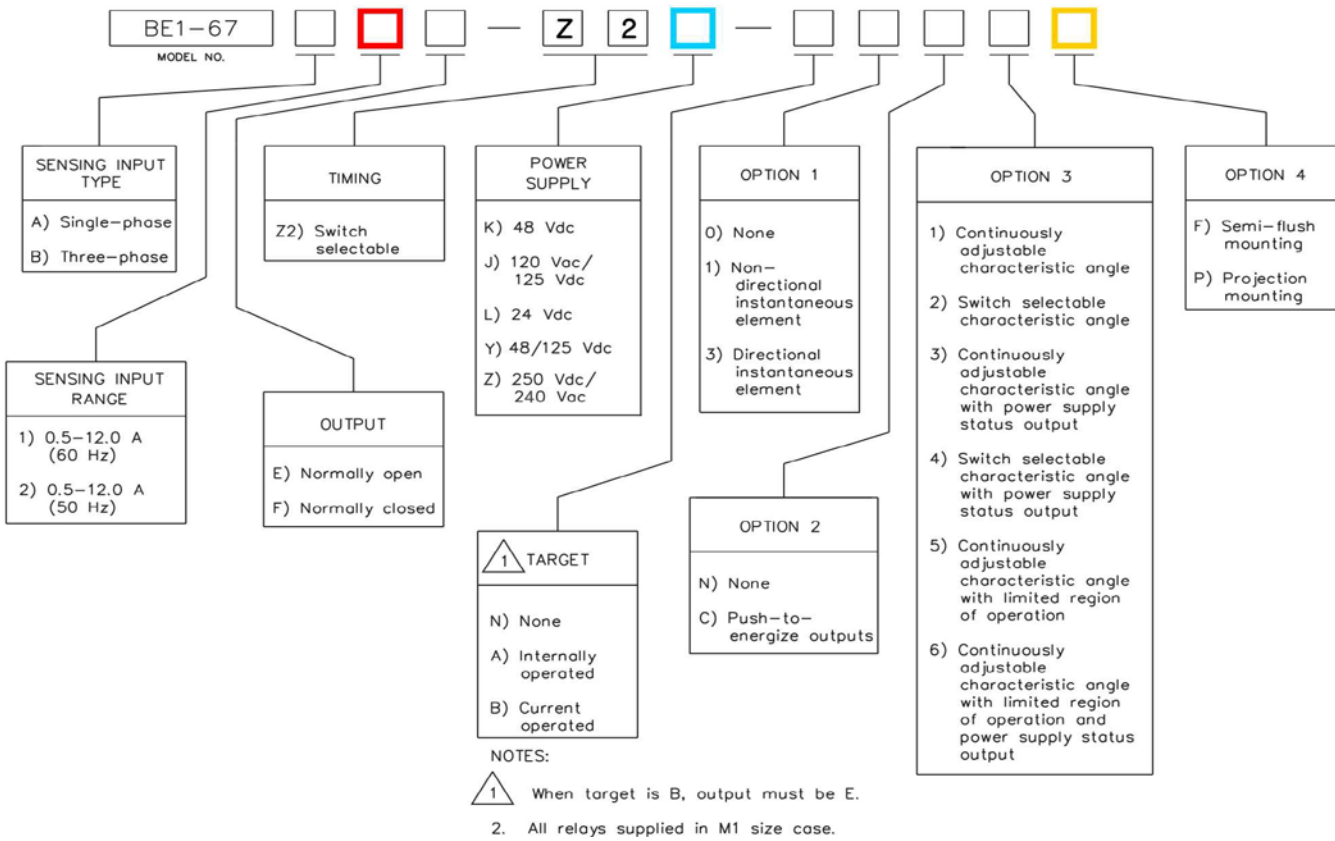
⁷ BE1-11 standard in a semi-flush S1 sized package. Projection mount kit (9424226101) optional.

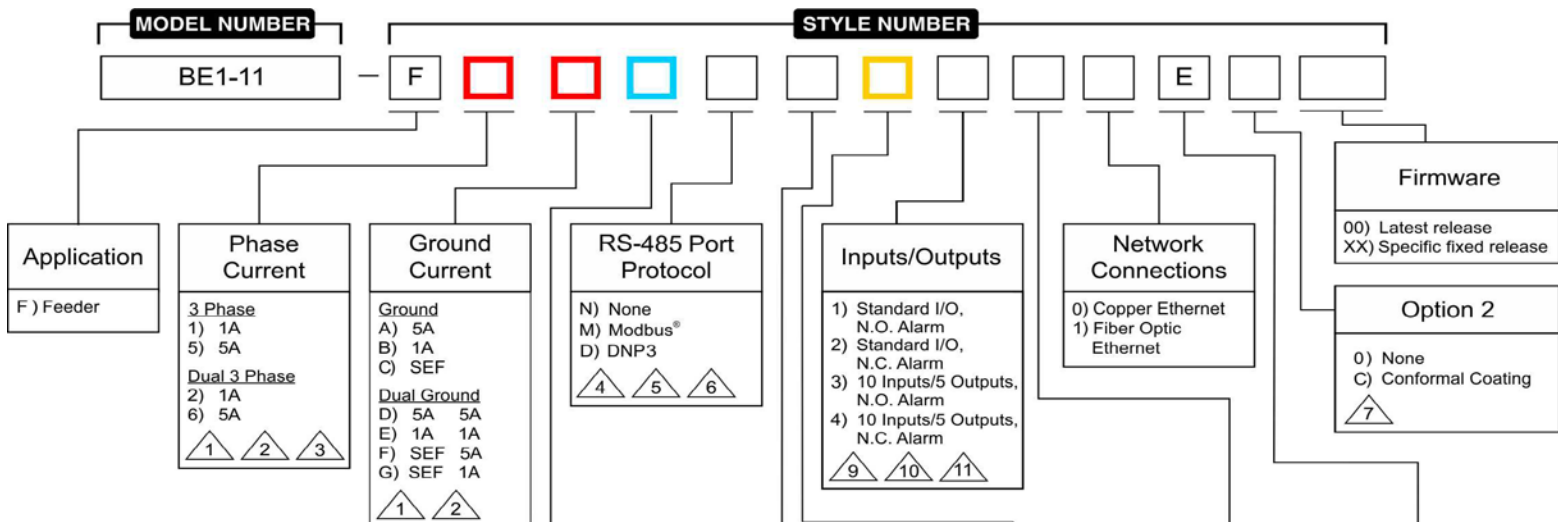
Some options for BE1-11f have been preselected above. To ensure accuracy, please verify your style configuration using the BE1-11 style chart on page 2.

Sample Style Configuration Conversion

	BE1-67		BE1-11f	
Single Phase Current Sensing	A	→	5	5 Amp Phase
Sensing Input 0.5 to 12 A, 60Hz	1	→	A	5 Amp Ground
Contact Output	F	→	1	48/125 PS
Switch Selectable Curves	Z2	→	N	No 485 Port Protocol
48 Vdc PS	K	→	0	No Ethernet Protocol
With Targets	A	→	J	J Case
Instantaneous Element, Directional	3	→	2	Standard I/O, N.C. Alarm
None	N	→	N	No Option 1
Switch Selectable Angle	3	→	0	Network-Copper Ethernet
Semi-Flush Mounting	F	→	E	No Option 3
			0	No Option 2
			00	Latest Firmware Release

STYLE NUMBER IDENTIFICATION CHART





Application
F) Feeder

Phase Current
3.Phase
1) 1A
5) 5A
Dual 3 Phase
2) 1A
6) 5A
1 2 3

Ground Current
Ground
A) 5A
B) 1A
C) SEF
Dual Ground
D) 5A 5A
E) 1A 1A
F) SEF 5A
G) SEF 1A
1 2

RS-485 Port Protocol
N) None
M) Modbus®
D) DNP3
4 5 6

Inputs/Outputs
1) Standard I/O, N.O. Alarm
2) Standard I/O, N.C. Alarm
3) 10 Inputs/5 Outputs, N.O. Alarm
4) 10 Inputs/5 Outputs, N.C. Alarm
9 10 11

Network Connections
0) Copper Ethernet
1) Fiber Optic Ethernet

Firmware
00) Latest release
XX) Specific fixed release

Option 2
0) None
C) Conformal Coating
7

Power Supply
1) 48/125 Vac/Vdc
2) 125/250 Vac/Vdc
3) 24 Vdc

Ethernet Protocol
0) No Ethernet
1) BESTnet™ Plus only
2) Modbus TCP with BESTnet Plus
3) DNP3 with BESTnet Plus
4) Modbus TCP and DNP3 with BESTnet Plus
5) IEC-61850 with BESTnet Plus
4 5 6
8

Case
H) H1 Rack Mount
J) Vertical Case
P) H1 Panel Mount
3 7

Option 1
N) None
D) Directional Power
A) Enhanced Feeder (21, 24, 32)

Option 3
E) None

- 1 If Dual Phase Current Input or Dual Ground Current input choice is made, then both current input types must be dual.
- 2 If Ground Current is A, D or F, Phase Current must be 5A.
- 3 If Phase Current is 2 or 6, Case must be J.
- 4 If Ethernet Protocol is 5, RS-485 Port Protocol must be N.
- 5 For communications with Remote RTD Module, RS-485 Protocol must be N or Ethernet Protocol must be 1, 2, 3, 4, or 5.
- 6 If RS-485 protocol is D, Ethernet protocol cannot be 3 or 4.
- 7 If Option 2 is C, Case must be J.
- 8 When a DNP3 over Ethernet protocol (3 or 4) is purchased, a BESTCOMSPPlus® selection box permits using DNP3 over Ethernet or over RS-485. RS-485 selection must be N.
- 9 When Inputs/Outputs is 1 or 2, a J-style case has 7 inputs and 8 outputs; an H or P style case has 4 inputs and 5 outputs.
- 10 If Inputs/Outputs is 3 or 4, Case must be J.
- 11 If Inputs/Outputs is 1 or 3, the contact is open for the alarm condition. If Inputs/Outputs is 2 or 4, the contact is closed for the alarm condition.