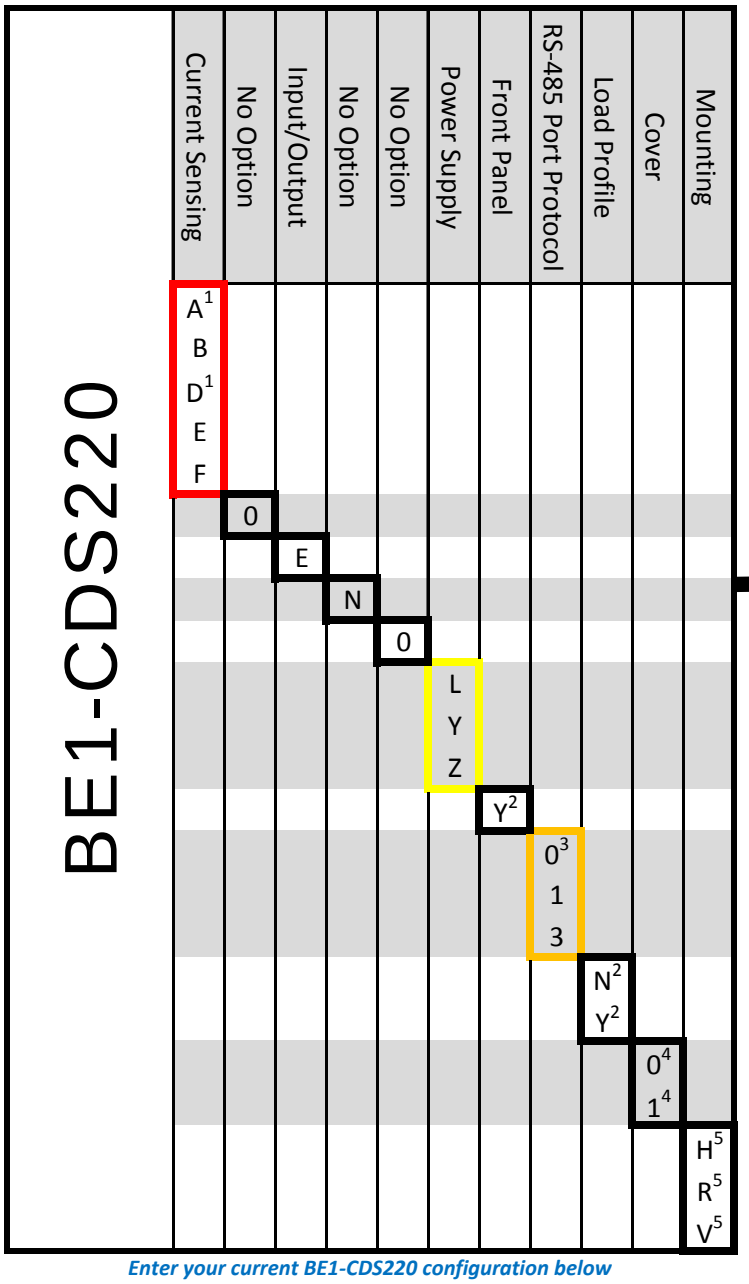
Easy Conversion Chart:
BE1-CDS220 to BE1-11*t*

This simple chart is designed to help you choose the appropriate BE1-11 style configuration with the same minimum coverage as your BE1-CDS220. Just match up the color-coded options on the left (BE1-CDS220) with those on the right (BE1-11*t*). 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-CDS220 style configuration below to generate new BE1-11 style configuration

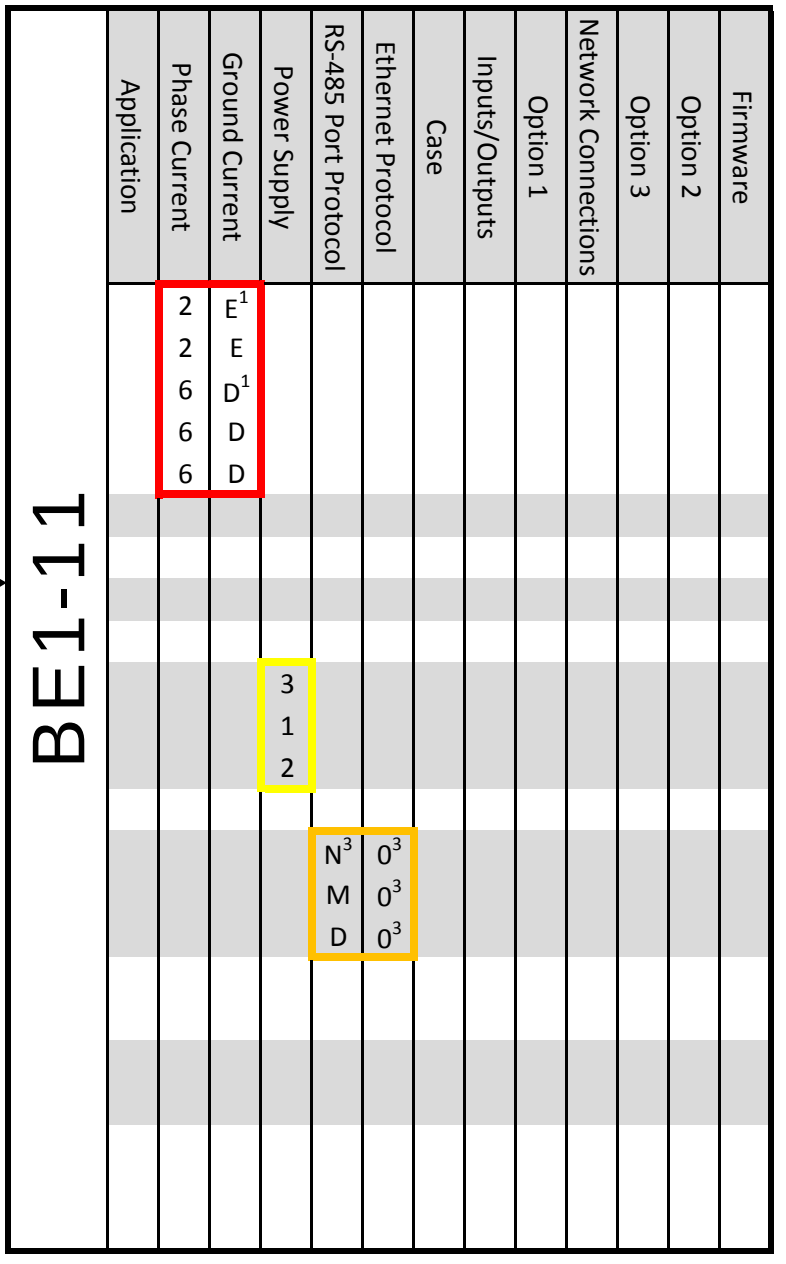
From **BE1-CDS220 Style Configuration**



Enter your current BE1-CDS220 configuration below

BE1-CDS220		0	E	N	0		Y				

To **BE1-11 Style Configuration**



BE1-11	T						J	2	P	0	E	0	00

1 BE1-11 always comes with neutral CT. Any BE1-11 Ground Current selection is valid for this BE1-CDS220 option.

2 BE1-11 incorporates each of these options in the standard relay. No selection necessary.

3 ASCII protocol is not available on the BE1-11. Other Ethernet options available.

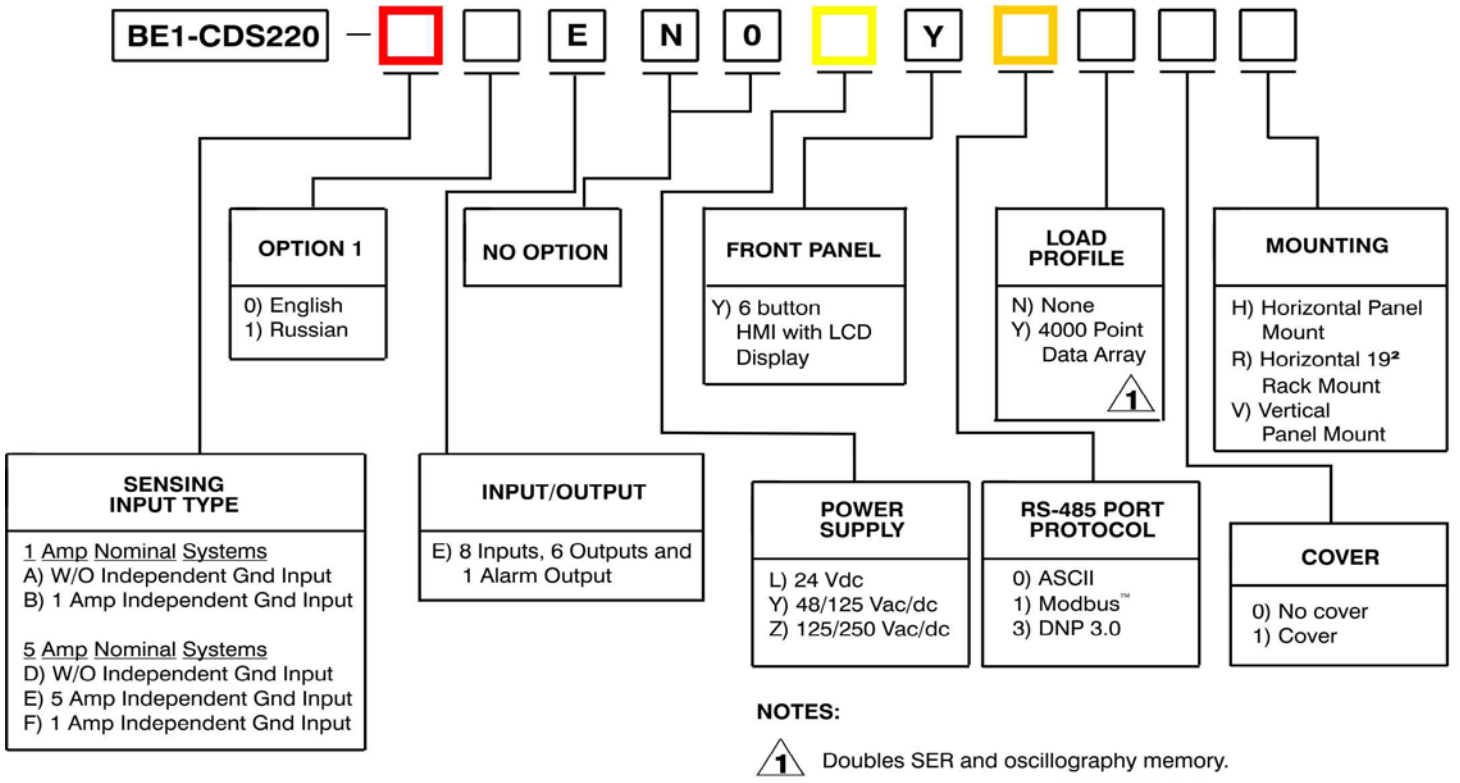
4 BE1-11 does not use front covers for any case styles. No selection necessary.

5 BE1-11 is available in only a S1-sized vertical mount (J) option.

DISCLAIMER: Some options for the BE1-11thave been preselected in the above guide. To insure accuracy, please verify your style configuration using the BE1-11 style chart on page 2.

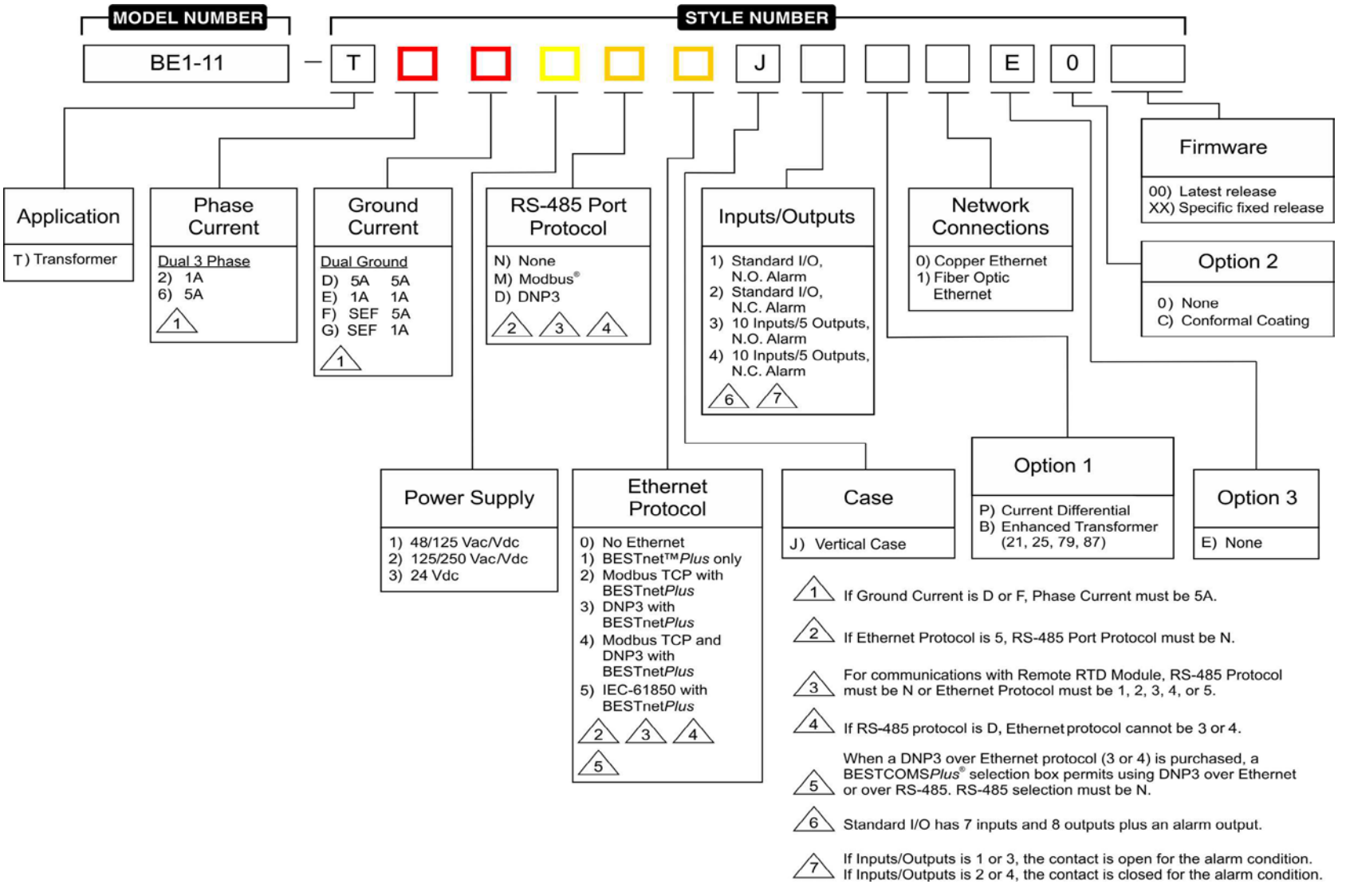
Sample Style Configuration Conversion

	BE1-CDS220	BE1-11*t*	
5 amp Phase with 5 amp Ground	E	6	5 amp Phase
No Option	**0**	D	5 amp Ground
8 Inputs, 6 Outputs, 1 Alarm	**E**	2	125/250 PS
No Option	**N**	M	Modbus over 485
No Option	**0**	0	No Ethernet
125/250 Vac/dc PS	Z	**J**	J Case
Six Button HMI with LCD	**Y**	**1**	Standard I/O, N.O. Alarm
Modbus over 485	1	**P**	Current Differential
None	**N**	**0**	Copper Ethernet
No Cover	**0**	**E**	Option 3, None
Horizontal Panel Mount	**H**	**0**	Option 2, None
		00	Latest Firmware



NOTES:

1. Doubles SER and oscillography memory.


MODEL NUMBER
STYLE NUMBER
BE1-11
T
J
E
0
Application
T) Transformer
Phase Current
Dual 3 Phase
2) 1A
6) 5A
1
Ground Current
Dual Ground
D) 5A 5A
E) 1A 1A
F) SEF 5A
G) SEF 1A
1
RS-485 Port Protocol
N) None
M) Modbus®
D) DNP3
2 3 4
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
6 7
Network Connections
0) Copper Ethernet
1) Fiber Optic Ethernet
Firmware
00) Latest release
XX) Specific fixed release
Option 2
0) None
C) Conformal Coating
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 BESTnetPlus
3) DNP3 with BESTnetPlus
4) Modbus TCP and DNP3 with BESTnetPlus
5) IEC-61850 with BESTnetPlus
2 3 4
5
Case
J) Vertical Case
Option 1
P) Current Differential
B) Enhanced Transformer (21, 25, 79, 87)
Option 3
E) None
1 If Ground Current is D or F, Phase Current must be 5A.
2 If Ethernet Protocol is 5, RS-485 Port Protocol must be N.
3 For communications with Remote RTD Module, RS-485 Protocol must be N or Ethernet Protocol must be 1, 2, 3, 4, or 5.
4 If RS-485 protocol is D, Ethernet protocol cannot be 3 or 4.
5 When a DNP3 over Ethernet protocol (3 or 4) is purchased, a BESTCOMSPlus® selection box permits using DNP3 over Ethernet or over RS-485. RS-485 selection must be N.
6 Standard I/O has 7 inputs and 8 outputs plus an alarm output.
7 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.