

# B-PRO 8701 Bus Protection Relay (Single-Phase)

## Ordering Template

In order to specify and order an ERLPhase relay properly configured for the application, a part number must be constructed as indicated below:

**B-PRO 8701 - aa - bb - ccc - 0 - 1 - ff**

**aa - Model:** \_\_\_\_\_

- 3U: 9 digital Inputs, 14 digital outputs, 18 CT inputs, 3 PT inputs

**bb - Secondary Input Current:** \_\_\_\_\_

- 1A: 1 Amp
- 5A: 5 Amp

**ccc - Digital Input Rating:** \_\_\_\_\_

- 48L: 48 Vdc (48/125)
- 48H: 125 Vdc (48/125)
- 125: 125 Vdc (125/250)
- 250: 250 Vdc (125/250)

**d - Internal Modem:** \_\_\_\_\_

- 0: No internal modem card, standard

**e - Communications:** \_\_\_\_\_

- 1: Factory installed Ethernet card, standard

**ff - Operating Frequency:** \_\_\_\_\_

- 50: 50 Hertz
- 60: 60 Hertz

### Example:

B-PRO 8701 - 3U - 5A - 125 - 0 - 1 - 60: This part number specifies a B-PRO 8701 relay with 3U chassis, 9 digital inputs, 14 digital outputs, 18 CT inputs, 3 PT inputs, 5 A secondary input current, 48 Vdc rated external inputs, factory installed Ethernet card, suitable for operation on 60 Hertz system.

### Note:

Each B-PRO 8701 is a single phase bus bar differential protection for 2 to 18 bus connections. Use three-single phase relays to make one bus bar protection unit for up to 18 bus connections.

The B-PRO 8701 comes standard in a horizontal mounting chassis. The software CD has the latest firmware version and a soft copy of the user manual. The Relay Inoperative is set as Normally Closed and user configurable outputs are set as Normally Open. Please enquire regarding any specific non standard requirements.