B-PRO 4000 Bus Protection Relay (3-Phase)

Order Template

In order to specify and order an ERLPhase B-PRO 4000 relay properly configured for the application, a part number must be constructed as indicated below:

B-PRO 4000 a - b - ccc - d - e - f - gg - h - i - j - k

a: Model:

•3: 3U chassis with 9 digital inputs, 14 digital outputs, 18 CT inputs, 3 PT inputs

b: Secondary Input Current:

•1: 1 Amp

•5: 5 Amp

ccc: External Input Rating:

•048: Set to 48 V_{dc}

•125: Set to 125 V_{dc}

•250: Set to 250 V_{dc}

d: Internal Modem

This selection is only available if no redundancy option (0 in "e") is chosen

•0: No internal modem (default)

•1: Factory installed modem

e: LAN Redundancy Selection

Network port redundancy on rear Ethernet port 119 is available as an option. If redundancy is required, select between RSTP, PRP or HSR redundancy protocols.

•0: No redundancy (default)

•1: RSTP Redundancy on Ethernet ports 119 and 124 (Internal modem not available if selected)

•2: PRP Redundancy on Ethernet ports 119 and 124 (Internal modem not available if selected)

•3: HSR Redundancy on Ethernet ports 119 and 124 (Internal modem not available if selected)

f: LAN Media Selection

Selections 0, 1 and 2 are available if no redundancy option 0 is selected in "e".

•0: Cu - Op => port 119 = 100BASE-T (RJ45), port 120 = 100BASE-FX (multimode, 1300 nm, ST)

•1: Op - Op => port 119 & 120 = 100BASE-FX (multimode, 1300 nm, ST)

•2: Cu - Cu => port 119 & 120 = 100BASE-T (RJ45)

Selections 3 and 4 are available only if a redundancy option is selected in "e".

•3: Cu - Op => port 119 & 124 = 100BASE-T (RJ45), port 120 = 100BASE-FX (multimode, 1300 nm, LC)

•4: Op - Op => port 119 & 124 = 100BASE-FX (multimode, 1300 nm, LC), port 120 = 100BASE-FX (multimode, 1300 nm, LC)

gg: Operating Frequency:

•50: 50 Hertz

•60: 60 Hertz

h: Conformal Coating:

•0: Not conformal coated (default)

•1: Conformal coating for corrosive environments

i: Custom Firmware Request:

- 0: Latest version (default)
- 1: Custom version (please specify firmware version number)

j: Custom Hardware Request:

- 0: No special build instructions (default)
- 1: Special build instructions (please specify special instructions)

k: This is a reserved character in the order string for internal purposes only.

Example: B-PRO 4000 (3-5-125-0-0-1-0-60-0-0-0-A)

This part number specifies a B-PRO 4000 relay in 3U chassis with 5A secondary input current, 125 V_{dc} rated external inputs, no modem card, without network redundancy option, with both LAN ports to be used for optical communications, suitable for operation on 60 Hertz system, without conformal coating and with latest software version and standard hardware build.

Manuals: The latest version of the manuals can be downloaded from our website: http://www.erlphase.com/support.php?ID=documents. If you do wish to purchase a hard copy manual, you may order that using the part number below.

<Part # 109246> B-PRO 4000 User Manual

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The specifications and product information contained in this document are subject to change without notice. In case of inconsistencies between documents, the version at www.erlphase.com will be considered correct. (D02633R15)