

TESLA 4000 Power System Recorder

Order Template

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

TESLA 4000 aa - bb - c - d - e - ff - g - h - i - j - k

aa: Input Channels:

- 18: 18 analog inputs, 32 digital inputs, 4 digital outputs
- 36: 36 analog inputs, 64 digital inputs, 8 digital outputs

bb: Flash Memory:

- 04: 4G flash memory (default)
- 16: 16G flash memory

c: Internal Modem:

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

- 0: No internal modem (default).
- 1: Yes, factory installed modem

d: LAN Redundancy Selection

Network port redundancy on rear Ethernet port 401 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 401 and 411 (Modem, Conformal coating, and CE mark not available if selected)
- 2: PRP Redundancy on Ethernet ports 401 and 411 (Modem, Conformal coating, and CE mark not available if selected)
- 3: HSR Redundancy on Ethernet ports 401 and 411 (Modem, Conformal coating, and CE mark not available if selected)

e: LAN Media Selection

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

- 0: Cu-Op => port 401 = 100BASE-T (RJ45), port 402 = 100BASE-FX (multimode, 1300 nm, ST)
- 1: Op-Op => port 401 = port 402 = 100BASE-FX (multimode, 1300 nm, ST)
- 2: Cu-Cu => port 401 = 100BASE-T (RJ45), port 402 = 100BASE-T (RJ45)

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

- 3: Cu - Op => port 401 = port 411 = 100BASE-T (RJ45), port 402 = 100BASE-FX (multimode, 1300 nm, LC)
- 4: Op - Op => port 401 = port 411 = 100BASE-FX (multimode, 1300 nm, LC), port 402 = 100BASE-FX (multimode, 1300 nm, LC)

ff: Operating Frequency:

- 50: 50 Hertz
- 60: 60 Hertz

g: CE conformance:

TESLA external inputs and outputs are rated to 300 Vdc. However for CE compliance applications external input and output contacts are restricted to below 150Vdc. This restriction is printed on the rear label of CE compliant labeled units.

- 0: Not CE marked (Upper limit of 300 Vdc on External Inputs) (default)
- 1: CE marked (Upper limit of 150 Vdc on External Inputs)



h: Conformal Coating:

- 0: Not conformal coated (default)
- 1: Conformal coated

i: Custom Firmware Request:

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

j: Custom Hardware Request:

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

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

Example: TESLA 4000 (36-04-0-0-1-60-0-0-0-0-A)

This part number specifies a TESLA 4000 recorder with 36 analog inputs, 64 digital input, 8 digital outputs, 4GB of internal flash memory, no internal modem, no network redundancy option, two rear 100BASE-FX Ethernet ports, suitable for operation in a 60 Hertz system, with no CE mark requirements, and no conformal coating.

Manuals:

In our ongoing efforts to run our business in an environmentally sensitive way, we include manuals with the CD of all our products. The latest version of the manuals can also 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 # 109308> TESLA 4000 User Manual

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. (D02667R14)