

TESLA 4000 Power System Recorder Model 4000-A

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:

- A1: Model 4000-A, 18 analog inputs, 32 digital inputs, 4 digital outputs
- A2: Model 4000-A, 36 analog inputs, 64 digital inputs, 8 digital outputs

bb: Flash Memory:

- 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 410 is available as an option. If redundancy is required, select between RSTP or PRP redundancy protocols.

- 0: No redundancy (PTP/IEEE 1588 not available if selected)
- 1: RSTP Redundancy on Ethernet ports 410 and 412
- 2: PRP Redundancy on Ethernet ports 410 and 412

e: LAN Media Selection

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

- 0: port 401 = 100BASE-T (RJ45)
port 402 = 1000BASE-T (RJ45)
port 410 = 100BASE-T (RJ45)
port 411 = 100BASE-FX (multimode, 1300 nm, ST)
- 1: port 401 = 100BASE-T (RJ45)
port 402 = 1000BASE-T (RJ45)
port 410 = 100BASE-FX (multimode, 1300 nm, ST)
port 411 = 100BASE-FX (multimode, 1300 nm, ST)
- 2: port 401 = 100BASE-T (RJ45)
port 402 = 1000BASE-T (RJ45)
port 410 = 100BASE-T (RJ45)
port 411 = 100BASE-T (RJ45)

Selections 3 and 4 are available if redundancy option 1 or 2 is selected in "d".

- 3: port 401 = 100BASE-T (RJ45)
port 402 = 1000BASE-T (RJ45)
port 410/412 (redundant) = 100BASE-T (RJ45)
port 411 = 100BASE-FX (multimode, 1300 nm, LC)
- 4: port 401 = 100BASE-T (RJ45)
port 402 = 1000BASE-T (RJ45)
port 410/412 (redundant) = 100BASE-FX (multimode, 1300 nm, LC)
port 411 = 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 150 Vdc. 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 specify firmware version number)

j: Custom Hardware Request:

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

k: Configuration ID Version:

- A: Internal Use

Example: TESLA 4000 (A2-16-0-0-1-60-0-0-0-0-A)

This part number specifies a TESLA 4000 Model 4000-A recorder with 36 analog inputs, 64 digital input, 8 digital outputs, 16GB of internal flash memory, no internal modem, no network redundancy, no PTP, one rear 100BASE-T Ethernet port, two rear 100BASE-FX Ethernet ports, one rear 100BASE-T Ethernet port, suitable for operation in a 60 Hertz system, with no CE mark requirement, no conformal coating, and no custom firmware or hardware requests.

Manuals:

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 #118382> TESLA 4000-A User Manual

ERLPhase Power Technologies

Tel: 204-477-0591

Email: info@erlphase.com

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. (D04933R00)