

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
- A5: Model 4000-A, 12 analog inputs, 32 digital inputs, 4 digital outputs
- A7: Model 4000-A, 8 analog inputs, 32 digital inputs, 4 digital outputs

bb: Flash Memory:

- 64: 64G flash memory
- 1T: 1 Terabyte 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 and UKCA Compliance:

CE and UKCA compliance is standard for TESLA 4000 products.

- 0: CE/UKCA marked

h: Conformal Coating (available only with 1TB memory option):

- 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 (A2-64-0-0-1-60-1-0-0-0-A)

This part number specifies a TESLA 4000 Model 4000-A recorder with 36 analog inputs, 64 digital input, 8 digital outputs, 64GB of internal flash memory, no internal modem, no network redundancy, no PTP, one rear 1000BASE-T Ethernet port, two rear 100BASE-FX Ethernet ports, one rear 100BASE-T Ethernet port, suitable for operation in a 60 Hertz system, with CE/UKCA marks, 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 #120197> TESLA 4000-A 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. (D04933R07)