

TESLA 4000 Power System Recorder

Order Template

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

TESLA 4000 - aa - bbb - c - d - ee

aa: # of Analog/Digital Input Channels:

- 36: 36 analog input channels
64 digital input channels

bbb: Internal Storage:

- CP4 – 4 GB flash with CDR and PMU (standard)

c: Modem Card:

- 0: No modem card
- 1: Factory installed modem card

d: Communications option for LAN Ports 401 and 402:

- 0: C – OP: one copper, one optical
- 1: OP – OP: both optical

C= Copper, RJ-45, 100BASE-T

OP= Optical 100BASE-FX, multimode, 1300 nm, ST style connector

ee: Operating Frequency:

- 50: 50 Hertz
- 60: 60 Hertz

Example³:

TESLA 4000 - 36 – CP4 – 0 – 1 – 60: This part number specifies a TESLA 4000 recorder with 4 GB flash memory internal storage with CDR and PMU software, no modem card, with both LAN ports to be used for optical communications, suitable for operation on 60 Hertz system.

Note:

- 1) PMU: Phasor Measurement Unit
- 2) CDR: Continuous Disturbance Recording
- 3) The TESLA 4000 comes standard as a 3U horizontal mounting model with 4 GB flash internal storage with CDR and PMU functionality and with the software CD having the latest firmware version and the soft copy of the user manual. Please enquire regarding any specific non-standard requirements.

Recorder Accessories

A variety of accessories are available from ERLPhase to complement the recorder product family. The accessories listed in this section would be individually specified and ordered by item number.

Input Modules:

- 101754 – CT Module – 5 A (4 input module)
- 101955 – CT Module – 1 A (4 input module)
- 101756 – PT Module – 69 V nominal 3 input module)
- 106243 – DC Module (4 channel isolated input module)
- 101783 – Split-core CT – 5 A
- 101784 – Split-core CT – 1 A
- 101850 – Digital input shorting bar

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. (D02667R05)

