



VERITAS Engineering

Catalog

Of

Power Transmission Line Trainer

Power Transmission Line Trainer

Brand: VERITAS

Model: VPTLT-01

Features:

- Models of power transmission lines with connect rated parameters;
- Voltage drop and losses in power transmission lines;
- Types of line (copper, aluminum) Parallel of power transmission lines.
- Installed Components of Power Transmission Lines Module:
- The framework are made of sheet steel chemically treated;
- The base are provide with rubber feet and can be positioned on any working top;
- Lines are protected against overload and short circuit by quick blow fuses;
- Lines can be used separately or in series/parallel connection;

Technical Specification

Line 1 Components:

Modifiable parameter: Section (capacity in A)

Model of line used: PI

Simulated Un: 120kV,
operating Un 400V

Simulated Pn: 10-15-20MVA

Operating In: 1A Equivalent

distributed R: 18-25-35ohms

Distributed inductance equivalent to: 72mH,
capacitance equivalent to: 0.2microfarade

Breakers of line start and end

Line 2 Components:

Modifiable parameter: length(km)

Model of line used: PI

Simulated Un:120kV,
operating Un 400V

Simulate Pn: 20MVA

Operating In: 1A

Equivalent distributed R: 8.9-18-35ohms

Distributed inductance equivalent to: 144-72-36 mH

Distributed capacitance equivalent to 0.1-0.2-0.4microfarade

Breakers of line start and end

Picture

Lines can be used separately or in series/parallel connection;

Accessories:

- 1 Training Module
- 1 Training Manual
- 4mm safety banana socket