

# T-PRO 8700 Transformer Protection & Monitoring Relay

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

T-PRO 8700 - aa - bb - ccc - d - e - ff

**aa - Model:**

- 3U: 3U chassis with 9 digital inputs, 14 digital outputs, 15 CT inputs, 3 PT inputs, 2 temperature inputs

**bb - Secondary Input Current:**

- 1A: 1 Amp
- 5A: 5 Amp

**ccc - Digital Input Rating:**

- 48L: 48 Vdc (48/125)
- 48H: 125 Vdc (48/125)
- 125: 125 Vdc (125/250)
- 250: 250 Vdc (125/250)

**d - Internal Modem:**

- 0: No internal modem card, standard
- 1: Factory installed modem card

**e - Communications:**

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

**ff - Operating Frequency:**

- 50: 50 Hertz
- 60: 60 Hertz

**Example:**

- T-PRO 8700 – 3U – 5A – 125 – 0 – 1 – 60: This part number specifies a T-PRO relay with 3U chassis, 9 digital inputs, 14 digital outputs, 15 CT inputs, 3 PT inputs, 2 temperature inputs, vertical mounting; 5 A secondary input current, 125 Vdc rated external inputs, factory installed Ethernet card, most recent user manual and software, suitable for operation on 60 Hertz system.

## Relay Accessories

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

### Communication Accessories:

- 106916 – RuggedCom Ethernet switch (6 port)
- 106917 – RuggedCom LAN modem (DIN rail mount)
- 107081 – RuggedCom LAN modem (rack mount)
- 101787 – Serial Cable, RS232 Cable w/ 9 pin female to 25 pin male connectors
- 106230 – USB (PC connection) to RS232 (relay connection) Cable
- 101629 – Modem Adapter for use with Serial Cable item # 101787

### User Manuals:

- 106367 – Additional T-PRO User Manual and CD

### Auxiliary Accessories:

- 101496 – Ambient Temperature Probe for input to T-PRO Transformer Protection Relay