

# T-PRO Transformer Protection Relay

## Ordering Template

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

### T-PRO 4500

	a	b	c	d	e
<b>a – Analog Channels:</b> _____					
• A: 7VT + 11CT					
<b>b – Auxiliary Supply &amp; External Input rating:</b> _____					
• 1: Auxiliary supply - 20 to 60 Vdc    External Input - 24 Vdc (Future)					
• 2: Auxiliary supply - 20 to 60 Vdc    External Input - 48 Vdc (Future)					
• 3: Auxiliary supply - 80 to 300 Vdc    External Input - 110 Vdc					
• 4: Auxiliary supply - 80 to 300 Vdc    External Input - 220 Vdc					
<b>c – Number of Inputs &amp; Outputs:</b> _____					
• A: 8 External Inputs & 8 Relay outputs (Future)					
• B: 16 External Inputs & 16 Relay outputs(Future)					
• C: 16 External Inputs & 24 Relay outputs (Future)					
• D: 24 External Inputs & 32 Relay outputs					
<b>d – Communication Ports:</b> _____					
• 1: Redundant Ethernet Port (100BASE-T, RJ45, PRP)					
• 2: Redundant Ethernet Port (100BASE-FX, ST, PRP)					
• 3: One Ethernet Port (100BASE-T, RJ45)					
• 4: One Ethernet Port (100BASE-FX, ST)					
<b>e – Frequency:</b> _____					
• A: 50 Hz					
• B: 60 Hz					

### Example:

<b>Ordering Code Example</b>	<b>T-PRO 4500</b>	<b>A</b>	<b>3</b>	<b>D</b>	<b>3</b>	<b>A</b>
<b>Analog Channel</b> - 7VT + 11CT						
<b>Auxiliary supply</b> - 80 to 300 Vdc <b>External Input</b> - 110 Vdc						
<b>No. of Inputs &amp; Outputs</b> - 24 External Inputs & 32 Relay outputs						
<b>Communication Ports</b> - One Ethernet Port (100BASE-T, RJ45)						
<b>Frequency</b> – 50 Hz						

### Standard Functions & Features:

- 1A (or) 5A CT Secondary input is site selectable.
- Disturbance Recorder, Trend Records, Sequence of Events, Metering, ProLogic™, Trip Circuit Supervision.
- Front USB port and rear serial RS485 port
- Modbus (or) DNP3.0 are supported over RS485 port & IEC 61850 (or) PRP are supported over Ethernet.
- IRIG-B (or) SNTP for Time sync.
- Horizontal Flush panel mounting chassis & 22 LEDs.

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.easuneyrolle.com](http://www.easuneyrolle.com) will be considered correct. (E00008R01)

