

# L-PRO Transmission Line 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:

### L-PRO 4500

a b c d e

**a – Analog Channels:** \_\_\_\_\_

- **A:** 6VT + 10CT
- **B:** 4VT + 5CT (Future)

**b – Auxiliary Supply & External Input rating:** \_\_\_\_\_

- **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

**c – Number of Inputs & Outputs:** \_\_\_\_\_

- **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

**d – Communication Ports:** \_\_\_\_\_

- **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)

**e – Frequency:** \_\_\_\_\_

- **A:** 50 Hz
- **B:** 60 Hz

### Example:

Ordering Code Example	L-PRO 4500	A	3	D	3	A
Analog Channel - 6VT + 10CT						
Auxiliary supply - 80 to 300 Vdc External Input - 110 Vdc						
No. of Inputs & Outputs - 24 External Inputs & 32 Relay outputs						
Communication Ports - One Ethernet Port (100BASE-T, RJ45)						
Frequency – 50 Hz						

### Standard Functions & Features:

- 1A (or) 5A CT Secondary input is site selectable.
- Disturbance Recorder, Swing 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.easunreynolle.com](http://www.easunreynolle.com) will be considered correct. (E00007R01)

