

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:					
<ul style="list-style-type: none"> • A: 6VT + 10CT • B: 4VT + 5CT (Future) 					
b – Auxiliary Supply & External Input rating:					
<ul style="list-style-type: none"> • 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:					
<ul style="list-style-type: none"> • 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:					
<ul style="list-style-type: none"> • 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:					
<ul style="list-style-type: none"> • 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 will be considered correct. (E00007R01)

