

F-PRO Feeder 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:

F-PRO

aaa b c d

aaa - Model:

- **215:** (50, 51, 50N, 51N, 50G, 51G, 46/50, 46/51, 49, 50BF, 46BC, 81HBL2, I²t-CB, 79) - **4CT**
- **216:** (50, 51, 50N, 51N, 50G, 51G, 64/50SEF, 64/51SEF, 46/50, 46/51, 49, 50BF, 46BC, 79, 81HBL2, I²t-CB) - **5CT**
- **235:** (50/67, 51/67, 50N/67N, 51N/67N, 27/59DT, 27/59IT, 46/50, 46/51, 49, 50BF, 46BC, 79, 60CTS, 60VTS, 81HBL2, I²t-CB) - **3CT + 3VT**
- **295:** (27/59DT, 27/59IT, 24DT, 24IT, 47DT, 47IT, 59NDT, 59NIT, 59GDT, 59GIT, 81U/O, 81R, 25/27/59, 64/50/67SEF, 64/51/67SEF, 60VTS, THD) - **5VT+1CT**
- **297:** (27/59DT, 27/59IT, 24DT, 24IT, 47DT, 47IT, 59NDT, 59NIT, 50/67, 51/67, 50N/67N, 51N/67N, 50G/67G, 51G/67G, 46/50, 46/51, 64/50/67SEF, 64/51/67SEF, 49, CBF, 46BC, 81HBL2, 81U/O, 81R, 60VTS, 60CTS, I²t-CB, THD, 79) - **3VT + 5CT**
- **298:** (27/59DT, 27/59IT, 24DT, 24IT, 47DT, 47IT, 59NDT, 59NIT, 50/67, 51/67, 50N/67N, 51N/67N, 46/50, 46/51, 64/50/67SEF, 64/51/67SEF, 49, CBF, 46BC, 81HBL2, 81U/O, 81R, 60VTS, 60CTS, I²t-CB, THD, 25/27/59, 79) - **4VT + 4CT**

b – Auxiliary Supply & External Input rating:

- **1:** Auxiliary supply - 20 to 60 Vdc External Input - 24 Vdc
- **2:** Auxiliary supply - 20 to 60 Vdc External Input - 48 Vdc
- **3:** Auxiliary supply - 80 to 300 Vdc External Input - 110 Vdc
- **4:** Auxiliary supply - 80 to 300 Vdc External Input - 220 Vdc

c – Enclosure, Number of Inputs, Outputs & LEDs:

- **A:** E6 case, 4 External Inputs, 8 Relay outputs & 8 LED's
- **B:** E8 case, 14 External Inputs, 14 Relay outputs & 14 LED's*

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)

* Applicable only for F-PRO297 & F-PRO298 Model

Example:

Ordering Code Example	F-PRO	215	3	A	3
Model - 50, 51, 50N, 51N, 50G, 51G, 46/50, 46/51, 49, 50BF, 46BC, 81HBL2, I ² t-CB, 79					
Auxiliary supply - 80 to 300 Vdc External Input - 110 Vdc					
Enclosure - E6 case, Number of Inputs, Outputs & LEDs - 4 External Inputs, 8 Relay outputs, 8 LED's					
Communication Ports - One Ethernet Port (100BASE-T, RJ45)					

Standard Functions & Features:

- 1A (or) 5A CT Secondary input is site selectable.
- Disturbance Recorder, Fault Recorder, Metering, ProLogic, Trip Circuit Supervision.
- Front USB port and rear serial RS485 port & Horizontal Flush panel mounting chassis.
- Modbus (or) IEC103 are supported over RS485 port & IEC 61850 (or) PRP are supported over Ethernet.
- IRIG-B (or) SNTP for Time sync.

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 will be considered correct. (E00004R02)

