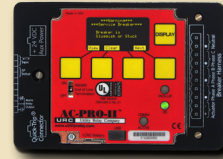# AC-PRO VS. AC-PRO-II
FEATURE & SETTINGS COMPARISON

Utility Relay Company has two different models in the AC-PRO family of trip units. Listed below is breakdown of the features and settings available for the AC-PRO and AC-PRO-II.
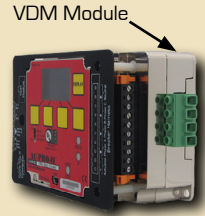
	AC-PRO®	AC-PRO® with PT Module	AC-PRO-II®	AC-PRO-II® with VDM
General Features				
Small Size			✓	✓
1-Line LCD Display	✓	✓		
Multi-Line OLED Display			✓	✓
Displayed on Trip Unit				
3 Phase Currents	✓	✓	✓	✓
3 Phase Voltage				✓
Power & Energy (KW, KVA, PF, KWHr, KVAHr)				✓
Frequency Measurement			✓	✓
General Settings				
Rating Plug	No	No	No	No
Frequency Setting (50Hz or 60Hz)			✓	✓
CT Primary Rating	✓	✓	✓	✓
CT Secondary Rating			✓	✓
Current Based Protection				
Long Time (LT)	✓	✓	✓	✓
Short Time (ST)	✓	✓	✓	✓
Instantaneous (I)	✓	✓	✓	✓
Ground Fault (GF)	✓	✓	✓	✓
Ground Fault Alarm Only			✓	✓
Phase Unbalance (Current)	✓	✓	Note 1	
Thermal Memory (LT, ST & GF)	✓	✓	✓	✓
Neutral Overload (NOL)			✓	✓
Voltage Based Protection				
Undervoltage (UV)				✓
Overvoltage (OV)				✓
Phase Loss/Reverse Phase Negative Sequence (Protects Against Single-Phasing)				✓

Note 1: AC-PRO Phase Unbalance replaced with Phase Loss in AC-PRO-II

* Future Firmware Update

AC-PRO VS. AC-PRO-II
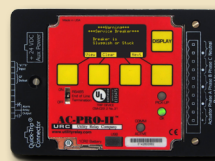## FEATURE & SETTINGS COMPARISON

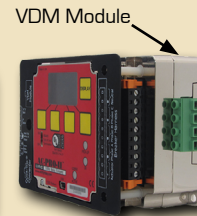**Comparison of The AC-PRO and AC-PRO-II Features and Settings**

VDM Module

	AC-PRO®	AC-PRO® with PT Module	AC-PRO-II®	AC-PRO-II® with VDM
QUICK-TRIP® Arc Flash Hazard Reduction				
QUICK-TRIP Instantaneous (QT-I)	✓	✓	✓	✓
QUICK-TRIP Ground Fault (QT-GF)	✓	✓	✓	✓
Last Trip Data				
Trip Counter by Function	✓	✓	✓	✓
Number of Last Trip Events Saved	1	1	8	8
Time Stamping			✓	✓
Waveform Capture on Trip			✓	✓
Voltage, Frequency, Power & Energy Metering				
Data Available Using Communications		✓		✓
Alarm Outputs				
Configurable Alarm Relays			✓	✓
Waveform Capture				
Waveform Capture on Demand			✓	✓
Waveform Capture on Trip			✓	✓
Communications				
Modbus RTU via RS485		✓	✓	✓
Addressable Relay		✓		
Patented Sluggish Breaker™ Detection				
Sluggish Breaker™			✓	✓
Direct Computer Interface				
USB Port on Trip Unit			✓	✓
Compatible with InfoPro-AC Software for PC's			✓	✓
SAFE-T-TRIP™ Remote Trip Compatible				
USB Port for SAFE-T-TRIP™			✓	✓
Auto CT Polarity				
Avoids Nuisance GF Trips Due to Incorrect CT Polarity Connection			✓ *	✓ *
Test Mode			✓	✓

* Future Firmware Update