

AC-PRO VS. AC-PRO-II

FEATURE & SETTINGS COMPARISON

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

Utility Relay Company has two different models in the AC-PRO family of trip units. Listed below is a breakdown of the features and settings available for the AC-PRO and AC-PRO-II.



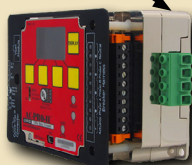
General Features			
Small Size	✓	✓	
1-Line LCD Display			✓
Multi-Line OLED Display	✓	✓	
Displayed on Trip Unit			
3 Phase Currents	✓	✓	✓
3 Phase Voltage	✓		
Power & Energy (KW, KVA, PF, KWHr, KVAHr)	✓		
Frequency Measurement	✓	✓	
General Settings			
Rating Plug	No	No	No
Frequency Setting (50Hz or 60Hz)	✓	✓	
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)	Replaced with Phase loss in AC-PRO-II		✓
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)	✓		

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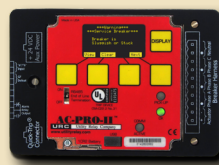
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VDM Module



AC-PRO-II® with VDM



AC-PRO-II®



AC-PRO®

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	8	8	1
Time Stamping	✓	✓	
Waveform Capture on Trip	✓	✓	

Voltage, Frequency, Power & Energy Metering

Data Available Using Communications	✓		
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Alarm Outputs

Configurable Alarm Relay	✓	✓	
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Waveform Capture

Waveform Capture on Demand	✓	✓	
Waveform Capture on Trip	✓	✓	

Communications

Modbus RTU via RS485	✓	✓	
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Patented Sluggish Breaker™ Detection

Sluggish Breaker™	✓	✓	
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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™	✓	✓	
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Auto CT Polarity

Avoids Nuisance GF Trips Due to Incorrect CT Polarity Connection	✓* *(Future Firmware Update)	✓* *(Future Firmware Update)	
Test Mode	✓	✓	