

AC-PRO-ML® and AC-PRO-NW® vs. Micrologic Trip Units for MasterPact NW, NT, and PowerPact Circuit Breakers.



X = Standard, O = Optional												AC-PRO-ML® and AC-PRO-NW®	
	Standard			Ammeter				Power		Harmonics		Standard	VDM
Feature	2	3	5	2.0A	3.0A	5.0A	6.0A	5.0P	6.0P	5.0H	6.0H		
LI		X			XX							LSIG and GF Alarm Standard and Field Configurable	LSIG and GF Alarm Standard and Field Configurable
LS	X			X									
LSI			X			X		X		X			
LSIG/Ground-Fault Trip							X		X		X		
Ground-Fault Alarm/No Trip								O *	O *	O *	O *		
Adjustable Rating Plugs	X	X	X	X	X	X	X	X	X	X	X	Not Required / Programmable	Not Required / Programmable
True RMS Sensing	X	X	X	X	X	X	X	X	X	X	X	X	X
UL Listed		X	X		X	X	X	X	X	X	X	ANSI Tested/No UL	ANSI Tested/No UL
Thermal Imaging	X	X	X	X	X	X	X	X	X	X	X	Thermal Memory	Thermal Memory
LED for Long-Time Pick-Up	X	X	X	X	X	X	X	X	X	X	X	X	X
Digital Ammeter				X	X	X	X	X	X	X	X	X	X
Zone-Selective Interlocking				X		X	X	X	X	X	X	Zone Blocking	Zone Blocking
Communications				O ^	O ^	O ^	O ^	O ^	O ^	O ^	O ^	X	X
RS-485 Comms Directly to Trip Unit												X	X
Wireless Communications												X	X
LCD Dot Matrix Display								X	X	X	X	OLED	OLED
Advanced User Interface								X	X	X	X	X	X
Protective Relay Functions								X	X	X	X	X	X
Neutral Protection								X	X	X	X	X	X
Contact Wear Indication								X	X	X	X	Cycle Counter	Cycle Counter
Incremental Fine Tuning of Settings								X	X	X	X	X	X
Selectable Long-Time Delay Bands								X	X	X	X	X	X
Waveform Capture										X	X	X	X
USB Port to Connect to No-Cost Software												X	X
Arc Flash Mitigation (ERMS)								O +	O +	O +	O +	X	X
Mechanism Open Time Measurement												X	X
Scheduled Service Reminder												X	X
Delayed Trip & Close												X	X
Monitors Actuator & CTs												X	X
Voltage-Based Protection								X	X	X	X		X
Voltage, Power, & Energy Measurement								X	X	X	X		X
Power Quality Measurements										X	X		X
Manufacturing Location												USA	
Product Support / Life Cycle	Superseded by Micrologic X which is incompatible with NW, NT, and PowerPact circuit breakers.											Active 24/7	

* Hardware module required in addition to trip unit (M2C/M6C).

^ Multiple hardware modules required in addition to trip unit (BCM, I/O, IFE/M, etc.).

+ Hardware module required (BCM with specific firmware) and trip unit hardware version must be compatible.

Note that there is no additional installation required for the VDM version of AC-PRO-NW® or AC-PRO-ML®. Both the standard and the VDM version install exactly the same.

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