

PART NUMBER:**PANEL NUMBER:****JOB NAME:**

PanelPro-F *Residential SlimLine*

SYSTEM FEATURES



- Protects sensitive electronics and appliances against the harmful effects of lightning strikes and internally generated electrical transients
- Includes pre-wired pigtail conductors to streamline installation
- Fail-safe design
- Dual Component Level Fusing (CLF) provides over-current plus thermal protection for added safety
- UL 1449 4th Edition
- Small, compact footprint - makes installation flexible
- 15-Year Unlimited Free Replacement Warranty
- Enhanced Transient Filter
- Computer Grade Power for the Whole Home

PRODUCT SPECIFICATIONS

GENERAL SPECIFICATIONS

Maximum Rated Surge Current: 80kA per phase (40kA per mode)

Application: ANSI/IEEE C62.41 Location C, B & A. Ideal for residential service entrance and branch panel applications

Design: Ultra compact, fail-safe design with dual component-level fusing

Warranty: 15-Year Unlimited Free Replacement

Safety Listing: cUL & UL 1449 4th Edition, Type 2 SPD.

PANELTRACK RESIDENTIAL SLIMLINE

Model Number	Description	Surge Rating
TK-Panel Pro-F-CA	120/240VAC, 1ø 3-wire + grd	80kA/phase

ELECTRICAL SPECIFICATIONS

Modes of Protection: All modes. L-N, L-L, L-G & N-G (Discrete Protection on L-N, L-G & N-G)

Input Power Frequency: 50-60 Hz

Response Time: < 1 nanosecond

Standard Monitoring: Status indicator light

Short Circuit Current Rating (SCCR): 100kAIC short circuit current

MECHANICAL SPECIFICATIONS

Dimensions: 5.60" H x 2.90" W x 1.90" D (142 mm H x 73.7 mm W x 48.3 mm D)

Enclosure: High-impact non-metallic Nema 4 for indoor or outdoor use, gray color

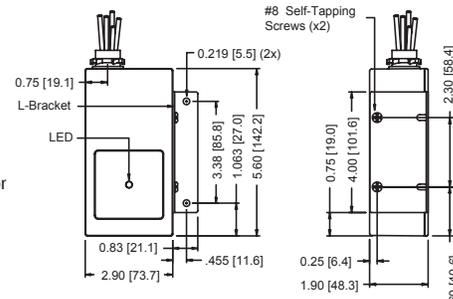
Connection: Pre-wired with 18" (457 mm) of #14 AWG (2.08 mm² conductor)

Mounting: Comes with a threaded 1/2" (15 mm) hub for easy knockout mounting or L-shaped bracket for stand-alone wall mounting

Operating Environment: -40° C to 70° C (-40° F to 160° F);

5% to 95% non-condensing humidity

Weight: 2.25 lbs (1.0kg)



All measurements in inches [mm]

AVAILABLE CONFIGURATIONS

Model Number	System Voltage	System Configuration	Surge Rating (per phase)	Protection Mode	MCOV	ANSI/IEEE C62.41.1-2002, C62.41.2-2002, & C62.45-2002 Measured Limited Voltage			VPR Data
						ETF Models	All Models	All Models	UL 1449 2nd Edition/ UL 1449 3rd Revision
						A1 Ring Wave 2kV, 67A 180° Phase Angle	B3/C1 Impulse Wave 6kV, 3kA 90° Phase Angle	C3 Impulse Wave 20kV, 10kA 90° Phase Angle	Voltage Protection Ratings
PanelPro-F	120/240V	1-Phase 3-wire+grnd	80kA	L-N	150	65	590	1015	500/600
				L-G	150	327	595	1015	500/600
				N-G	150	322	595	1110	500/600
				L-L	300	35	975	1495	800/1000

All tests performed with 6" (152 mm) lead length, positive polarity. All voltages are peak values ($\pm 10\%$) measured from the zero reference point at the phase angles referenced above using a 10 $\mu\text{s}/\text{div}$ display rate and 500 Mega samples/sec sampling rate. Specifications subject to change without notice. See web site, www.innosyspower.com for latest revisions.



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