

# Universal Voltage DC Fuse & Alarm Panels



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## Universal Voltage DC Fuse & Alarm Panels

OmniOn has partnered with Westell offering a line of Fuse and Alarm distribution panels to meet today's increasing Network DC Power demand. With numerous variations, the FP series support most DC Power Distribution applications. The panels meet or exceed industry standards and include adjustable mounting tabs to allow for offset and rack (19" & 23") variations allowing for single panel solutions that can fit multiple needs.

To add versatility, most panels can be used in both -48VDC and +24VDC working environments.

The Westell fuse panels can compliment most any DC Power Solution offered by OmniOn.

### Benefits

- Available with alarmed circuit breakers or fuses
- Fuse panels can be equipped with GMT, KLM, Type-70, TPA, or a combination of fuses
- NEBS, CSA or UL compliant
- Panels mount in 19" or 23" relay racks, or system cabinets
- Every panel is put through an intense quality inspection and testing process



### Reliability

- Delivers decades of service
- Proven field performance
- NEBS Level 3 compliant

### Intelligence

- Industry standard alarm architecture
- Visual ready and alarm indicators

### Investment Protection

- Seamless network integration
- Designed for current and future needs
- Industry leading bus and fuse ratings

### On Time Delivery

- 2-4 week availability
- 24/7 technical support
- Standard building blocks

# Technical Specifications

## Universal Voltage DC Fuse & Alarm Panels



### Specifications

ORDERING CODE	DESCRIPTION	INPUT LOADS	POSITIONS PER LOAD	TYPE FUSES	BUS RATING
FP-010121-00	4/4 KLM Dual Bus	2	4	KLM	120
FP-010202-00	20/20 GMT Dual Bus	2	20	GMT	100
FP-010202-19	20/20 GMT Dual Bus	2	20	GMT	100
FP-010221-011	10/10 GMT Dual Bus	2	10	GMT	100
FP-010229-151	15/15 GMT, Dual Bus	2	15	GMT	100
FP-010503-011	6/6 GMT, 4/4 TPA	2	4/6	TPA/GMT	160
FP-010505-00	2/2 KLM, 4/4 GMT Dual Bus	2	2/4	KLM/GMT	150
FP-010506-00	4/4 KLM, 4/4 GMT Dual Bus	2	4/4	KLM/GMT	150
FP-010203-FA	10/10 GMT Panel, Dual Bus, Front Access	2	10	GMT	100
FP-010205-FA	5/5 GMT Panel, Dual Bus, Front Access	2	5	GMT	50
FP-020125-4	4 Position TFD Demarc 4 Output	4	1	TFD	125
FPGMT1122-FA	10 GMT, Single Load, Front Access	1	10	GMT	70
FPN07008	8/8 CB Panel with 4 GMT	2	8/8/4	CB/GMT	600
FP90GMT10-WM	10 GMT, Single Bus, Wall Mount	1	10	GMT	1002
FPN07011-BRP	Return Panel for FPN07008				
FPGMT11251	10/10 GMT, Dual Bus	2	10	GMT	100
FPN07008BKR50A	50A Breaker for FPN07008				

<sup>1</sup> GMT positions may be equipped with 20 Amp GMT fuses  
<sup>2</sup> Linear derates to 60A from 47°C to 70°C

## Ordering Information

<b>Mechanical</b>				
<b>ORDERING CODE</b>	<b>MOUNTING</b>	<b>INPUT BLOCK</b>	<b>OUTPUT BLOCK</b>	<b>ALARM CONNECTIONS</b>
FP-010121-00	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	.045" sq wire wrap pin
FP-010202-00	1RU, 23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	.045" sq wire wrap pin
FP-010202-19	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#26 to 14AWG bare wire	.045" sq wire wrap pin
FP-010221-01	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	.045" sq wire wrap pin
FP-010229-15	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	.045" sq wire wrap pin
FP-010503-01	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#22-10AWG GMT Lugs	.045" sq wire wrap pin
			#20-10AWG TPA Lugs	
FP-010505-00	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	#6 screw terminal
FP-010506-00	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	.045" sq wire wrap pin
FP-010203-FA	2RU, 19"/23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	.045" sq wire wrap pin
FP-010205-FA	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	.045" sq wire wrap pin
FP-020125-4	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	1/4" studs on 5/8" centers	.045" sq wire wrap pin
FPGMT1122-FA	1RU, 19"/23"	Two 1/4" studs on 5/8" centers	#6 screw terminal	.045" sq wire wrap pin
FPGMT1125	1RU, 19"	Two 1/4" studs on 5/8" centers	#22 to 12AWG bare wire or #6 screw fork/ring lug, accepts 10AWG - maximum lug width = 0.320"	.045" sq wire wrap pin
FPN07011-BRP	2RU, 19"/23"	Two 3/8" studs on 1" centers	Two 1/4" studs on 5/8" centers	
FP90GMT10-WM	2RU, Wall-Mount or Rack Mount	Two 1/4" studs on 5/8" centers	#30 to 12AWG stripped wire, EURO style blocks	#30 to 12AWG stripped wire, EURO style blocks
FPN07008	4RU, 19"/23"	Two 3/8" studs on 1" centers	CB: 1/4" studs on 5/8" centers	#6 screw terminal
			GMT: #6 screw terminal - accepts up to 10AWG lugs (0.315" opening between barriers)	

**Environmental, Safety & Compliance**

ORDERING CODE	VOLTAGE -24 OR -48 VDC TYPICAL	OPERATING TEMPERATURE	NEBS LEVEL 3 CERTIFIED, ZONE 4 EARTHQUAKE	UL OR CSA CERTIFICATION
FP-010121-00	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 60°C (-5°F to 140°F)	✓	NA
FP-010202-00	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 60°C (-5°F to 140°F)		NA
FP-010202-19	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 60°C (-5°F to 140°F)	✓	NA
FP-010221-01	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 65°C (-5°F to 149°F)	✓	UL Bi-National
FP-010229-15	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 65°C (-5°F to 149°F)	✓	UL Bi-National
FP-010503-01	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 55°C (-5°F to 131°F)	✓	UL Bi-National
FP-010505-00	22 to 55 Vdc Max.	-20°C to 60°C (-5°F to 140°F)	✓	NA
FP-010506-00	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 60°C (-5°F to 140°F)	✓	NA
FP-010203-FA	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-40°C to 65°C (-40°F to 149°F)	✓	NA
FP-010205-FA	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-40°C to 65°C (-40°F to 149°F)	✓	CSA Bi-National
FP-020125-4	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-40°C to 50°C (-40°F to 122°F)	✓	NA
FPGMT1122-FA	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-40°C to 65°C (-40°F to 149°F)		UL Bi-National
FP90GMT10-WM	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-40°C to 47°C (-40°F to 117°F) Linear derates to 60A from 47°C to 70°C	✓	UL Bi-National
FPGMT1125	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-40°C to 65°C (-40°F to 149°F)	✓	UL Bi-National
FPN07008	21 to 60 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 50°C (-5°F to 122°F)	✓	
FPN07011-BRP	22 to 58 Vdc Max. Polarity Insensitive (+/- Bat)	-20°C to 60°C (-5°F to 140°F)	✓	

## Training

OmniOn offers on-site and classroom training options based on certification curriculum. Technical training can be tailored to individual customer needs. Training enables customers and partners to more effectively manage and support the power infrastructure. We have built our training program on practical learning objectives that are relevant to specific technologies or infrastructure design objectives.

## Service & Support

OmniOn field service and support personnel are trusted advisors to our customers always available to answer questions and help with any project, large or small. Our certified professional services team consists of experts in every aspect of power conversion with the resources and experience to handle large turnkey projects along with custom approaches to complex challenges. Proven systems

engineering and installation best practices are designed to safely deliver results that exceed our customers' expectations.

## Warranty

OmniOn is committed to providing quality products and solutions. We have developed a comprehensive warranty that protects you and provides a simple way to get your products repaired or replaced as soon as possible.

For full warranty terms and conditions please go to [omnionpower.com](https://omnionpower.com)

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