Power Supplies
PSM Series
High Efficiency Switching Power Supplies

CE RoHS Compliant

PSM-28T

PSM-29T

PSM series switching power supplies are versatile, flexible and highly efficient. With compact size and lightweight, the DIN rail models are easy to install and suitable for powering security and building automation controls. The PSM-28T/29T is ideal for use with a wide range of access control devices including electrified locks, magnetic locks, electric strikes and keypad readers. Enclosed with a metal box, the PSM-29T also provides battery charging capability and power/battery status LEDs.

Standard Features
- Compact size for easy installation and wide range of applications (except PSM-29T)
- Stable and regulated DC output
- Low maintenance
- Power status indicator light
- Battery charging capability

PSM-28T/29T Special Features
- 2 Independent outputs for electrified locks and access control systems
- Request to exit (REX) input for quick egress
- Field selectable switch for Fail-safe or Fail-secure device
- Battery protection: Overdischarge, Short circuit, Polarity reverse

PSM-28T includes an optional US standard power cable for easy, quick, plug-in installation.

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PSM Series Power Supplies

Models	Input (VAC)	Output1	Output2	Battery Charger	Timer (Sec)	Weight (Kg)	Dimensions	Descrption
PSM-01T-4 -AC230V	230 50Hz	2A/12VDC	0.5A/12VDC	—	0~75	1	6 3/16" x 3 7/8" x 2 11/16" (157.5 x 99 x 68 mm)	DIN rail mount
PSM-02 -AC230V	230 50Hz	1.5A/12VDC	0.5A/12VAC	—	—	0.95	6 3/16" x 3 7/8" x 2 11/16" (157.5 x 99 x 68 mm)	DIN rail mount
PSM-10T	100-240V 50/60Hz	2A/12VDC	0.5A/12VDC	—	0~75	0.35	5 1/16" x 2 7/8" x 2" (129 x 73 x 50mm)	DIN rail mount
PSM-112S	100-240V 50/60Hz	1A/13.8VDC	—	0.28A/ 14.5VDC	—	0.25	4 13/16" x 3 15/16" x 2 11/16" (122 x 100 x 68mm)	DIN rail mount
PSM-224S	100-240V 50/60Hz	2A/27.6VDC	—	0.25A/ 27.6VDC	—	0.34	4 13/16" x 3 15/16" x 2 11/16" (122 x 100 x 68mm)	DIN rail mount
PSM-512S	100-240V 50/60Hz	4.35A/13.8VDC	—	0.5A/ 13.8VDC	—	0.35	4 13/16" x 3 15/16" x 2 11/16" (122 x 100 x 68mm)	DIN rail mount
PSM-28T	100-240V 50/60Hz	12V/13.8V 1.5A Max.	12V/13.8V 1A Max.	12V/13.8V 0.3A Max.	0~45	0.22	5 1/16" x 2 7/8" x 2" (129 x 73 x 50mm)	Plug-in mount
PSM-29T	100-240V 50/60Hz	12V/13.8V 1.1A Max.	12V/13.8V 1A Max.	12V/13.8V 0.3A Max.	0~45	2	8 1/4" x 8 11/16" x 3 1/8" (210 x 220 x 80mm)	Boxed

* PSM-29T uses a sealed lead acid backup battery (12VDC, 7AH).

PSM-01T-4-AC230V	PSM-02-AC230V	PSM-10T	PSM-112S

PSM-224S	PSM-512S	PSM-28T	PSM-29T

Warranty
The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.

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