



POWER SUPPLY MODEL 681000 24 VDC

The Model 681000 Switch Mode Power Supply is designed for general-purpose instrumentation applications. This Power Supply has been packaged in a DIN rail mount enclosure for simple snap-on installation. Standard features of the 681000 are continuous short circuit protection and Power On LED indicator.

MODEL 681000 DIN RAIL MOUNT POWER SUPPLY



TECHNICAL SPECIFICATIONS

INPUT:

85-265 Vac, 47-440 Hz
100-340 Vdc

OUTPUT VOLTAGE:

24 Vdc @ 630 mAdc max. (factory set)

INPUT TO OUTPUT ISOLATION:

3000 Vac (1 minute duration)

INITIAL ACCURACY:

± 1% of FS, typ.

LOAD REGULATION:

± 3% of FS, typ.

OUTPUT RIPPLE:

Less than 50mV Pk-Pk, typ.

OPERATING TEMPERATURE:

32°F to +113°F (0 °C to +45°C)

ENCLOSURE:

Polyamide PA non-reinforced
Inflammability class V0 (UL94)

OPTIONS:

Other voltage outputs available:
3.3, 5, 12, & 15 Vdc

FEATURES

- Mounts on 35mm DIN Rail
- Isolated Output
- AC Line Fuse (internal)
- Short Circuit Protection: Continuous
- LED Indicator for Power On
- Removable Polarized Connectors
- Supplies may be placed in series for higher output voltages.
- 75-80% Efficiency at Full Load

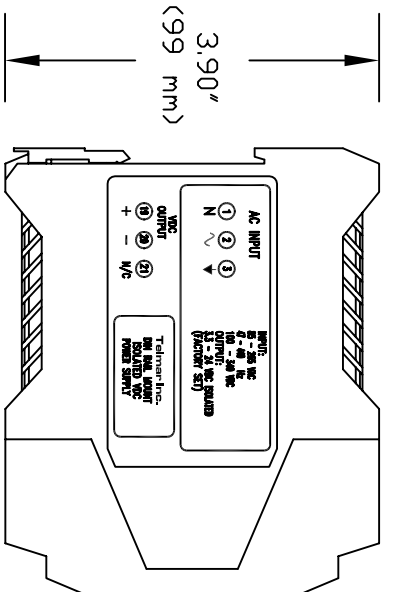
To order:

*Specify model number, and output voltage.
Example:*

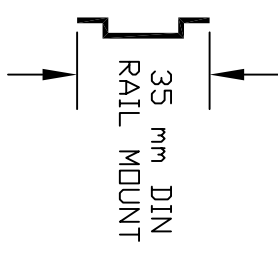
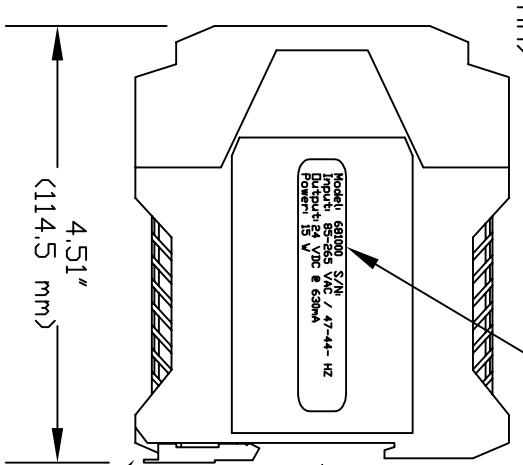
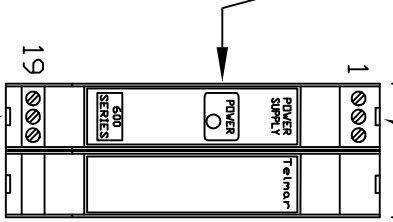
*Model: 681000
Output: 24 Vdc*

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DWG. NO.	
SD-A-0243A	
REVISIONS	
A	INI RELEASE 07/17/00



POWER ON
INDICATOR
GREEN



QUOTE OR ORDER NUMBER		Dimensions in inches unless otherwise specified	
DIMENSION		TOLERANCES UNLESS OTHERWISE SPECIFIED	
BASIC DIMENSIONS	FRACTIONAL	DECIMAL	
UP TO 6	+/- 1/64	+/- .005	
OVER 6 TO 24	+/- 1/32	+/- .005	
OVER 24	+/- 1/16	+/- .010	
SCALE .5X	DO NOT SCALE DRAWING WORK TO DIMENSIONS		
DRAWN REC	DATE	DATE	
REC	05/23/00	DATE	
CHECKED RML	DATE	DATE	
RML	07/17/00	DATE	
APPROVED DDT	DATE	DATE	
DDT	07/17/00	DATE	
TITLE		FOR	
24 Vdc / 0.630 A		Power Supply	
MODEL 681000		MODEL 681000	
Analyk Wireless, LLC		Analyk Wireless, LLC	
790 CROSS POINTE ROAD		790 CROSS POINTE ROAD	
COLUMBUS, OHIO 43230		COLUMBUS, OHIO 43230	
NEXT ASS'Y		DWG NO.	
SD-A-0243A		SD-A-0243A	

FILE NAME
EU0000095.DWG