

POWER ENTRY MODULES

SCREW & SNAP-IN MOUNTING

INTRODUCTIONS

1. Designed to meet globally accepted IEC publication 320 Class 1, that allows users to comply with industry standards in power entry requirement.
2. Connector for cold condition, with pin temperature 65°C max.
3. Nickel-plated brass pins and soldering terminals.
4. Screw-on mount from front or rear (with screw type-M3).
5. Power module incorporates an IEC connector, double fuse holder, voltage selector, double-pole power switch, all-in-one easy-to-install unit.
6. Double-fuse holder designed for two fuses, single fuse & dual fuse capability are both available (all 5x20mm fuses).
7. Adapts to 110-120V or 220-240V input voltage simply by reversing the voltage selector card.
8. Compact design and high volume production provide maximum flexibility and significant savings in space and cost over assembly of individual components.
9. All part numbers are UL, CSA and SEMKO approved.
10. SK-1027/SK-1028 with a variety of built-in filter are also available, see Delta EMI filter catalog for SB/NB series.

SPECIFICATIONS

1. Rated voltage: 250VAC
2. Minimum insulation resistance at 500VDC: 10M OHM
3. Dielectric strength (one minute): 2000VAC between pins
4. Flammability class: UL 94V-0

ELECTRICAL SCHEMATIC

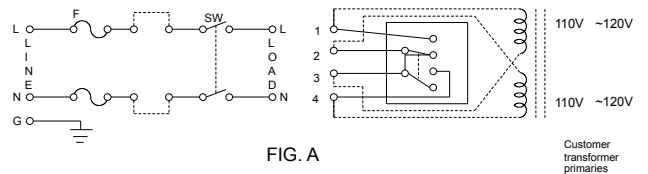


FIG. A

Customer transformer primaries

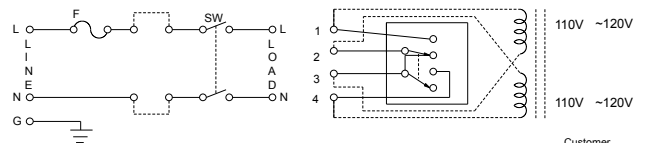


FIG. B

Customer transformer primaries

TYPE & RATED CURRENT

DELTA PART NUMBER		SK-1027		SK-1028		REMARKS: *1. DOUBLE-POLE POWER SWITCH UL, CSA AND VDE APPROVED AT 10A/250VAC ELECTRICAL LIFETIME: 10,000 CYCLE MAXIMUM IN-RUSH CURRENT: 51A *2. VOLTAGE SELECTOR CARD RATING UL/CSA-10A/250VAC VDE-6A/250VAC
RATED CURRENT (AT 250VAC)	UL/CSA	10A	10A	10A	10A	
	SEMKO	6A	6A	6A	6A	
CONNECTOR TYPE	MALE	△	△	△	△	
	FEMALE					
FUSE HOLDER		S	D	S	D	
POWER SWITCH		* DP*1	DP*1	DP*1	DP*1	
VOLTAGE SELECTOR		* FRONT*2	FRONT*2	FRONT*2	FRONT*2	
ELECTRICAL SCHEMATIC		FIG. B	FIG. A	FIG. A	FIG. B	
MOUNTING TYPE		SCREW		SNAP-IN		

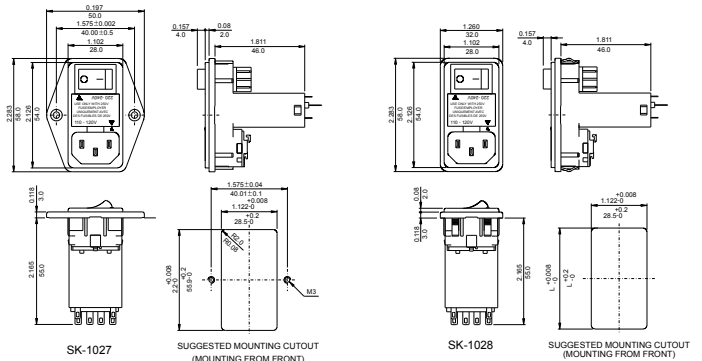
MECHANICAL CONSTRUCTION



SK1027



SK1028



L according to panel thickness:
0.032~0.075INCH L=2000.8~2.0mm L=55.9
0.08~0.125INCH L=2115.1~3.2mm L=56.2

UNIT: $\frac{\text{INCH}}{\text{mm}}$

POWER ENTRY MODULES