MODEL SSS-86IO

SOLID STATE LOADSWITCH

DESCRIPTION:

The PDC SSS-86I/O Solid State Loadswitch is a tri-pack solid state relay package designed specifically for the Traffic Control Industry. This unit meets NEMA specifications TS1-1994 & TS2-2003 requirements and has indicators for both the input and output signal.

Each switch will turn it's rated load ON or OFF within 10 deg. of the first zero cross-over point & within 5 deg. on succeeding alterations randomly timed input command signal.

The electronics are enclosed in a dust resistant, metal enclosure providing mechanical protection and excellent heat sinking for the heat generating components in the circuit. The electronic components are easily accessible by removing the cover with a screwdriver.

HIGHLIGHTS

Load	voltage current (max)	120 VAC 15.0 Amps
(Tungsten Filament Load) Control Signal	voltage current	+24VDC 20.0 MA (max)
Switching	1st alternation after signal is applied. Succeeding alterations	+10 Degrees of line voltage at the zero-crossover point +5 Degrees of line voltage at the zero-crossover point
Off State	dv/dt line to load resistance leakage current	100 V per microsecond 15 K Ohms Min Less than 20 MA
Isolation	voltage resistance	2500 VDC Min 10 Meg Ohms Min
Surge Current	one cycle one second	175 Amps RMS Min 40 Amps RMS Min
Life	Operations	30 million Min
Mechanical	length width height weight	8.40 inches 1.74 inches 4.185 inches 1.135 LBS

NEMA

2 YEAR WARRANTY

www.pdctraffic.com eddie@pdctraffic.com 916.786.2957