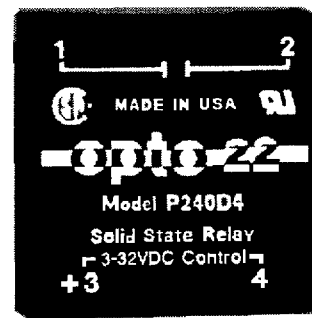
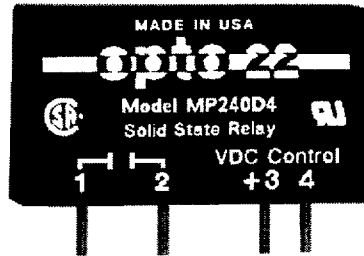




Your Opto 22 advantage is yet another industry first; photo isolated DC switching SSRs. These products have the same high-performance design and components as our vast range of AC switching SSRs.

▲ 4000 volt photo isolation

▲ TTL compatible

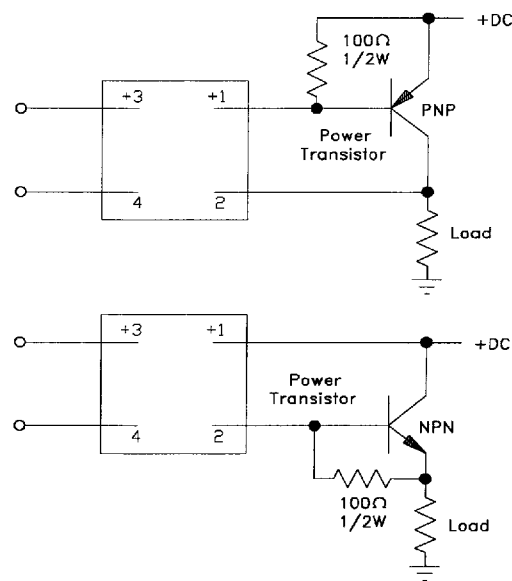
● High surge capability

● UL recognized

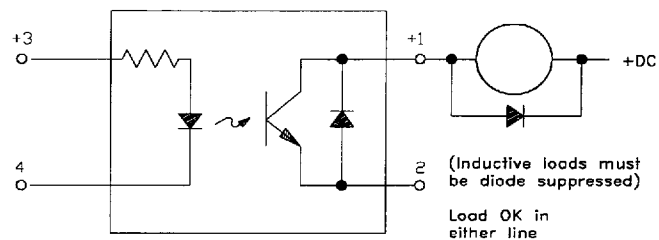
■ 200% load tested at rated current at 0.5 power factor

■ Chassis and PC board mounting

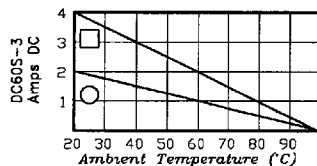
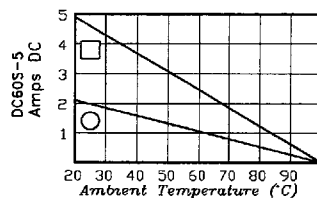
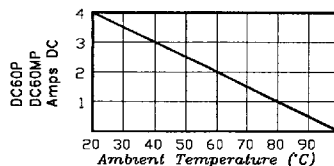
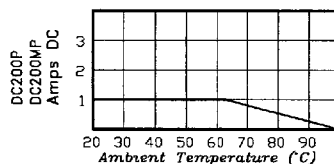
High Power Switching Using An Opto 22 DC SSR As A Driver Stage



Basic Schematic

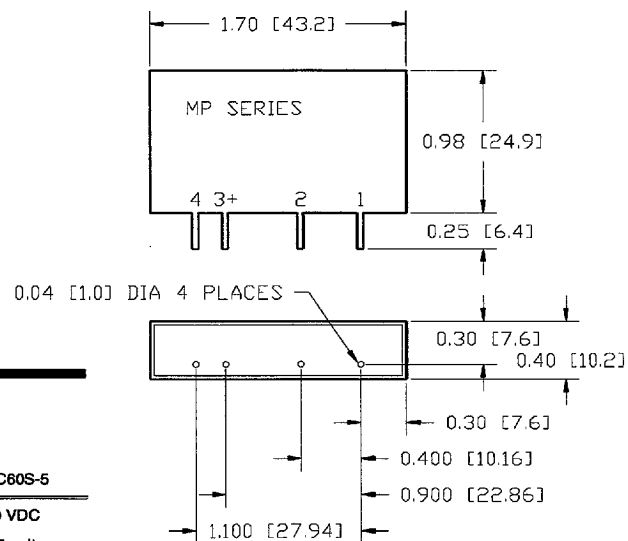
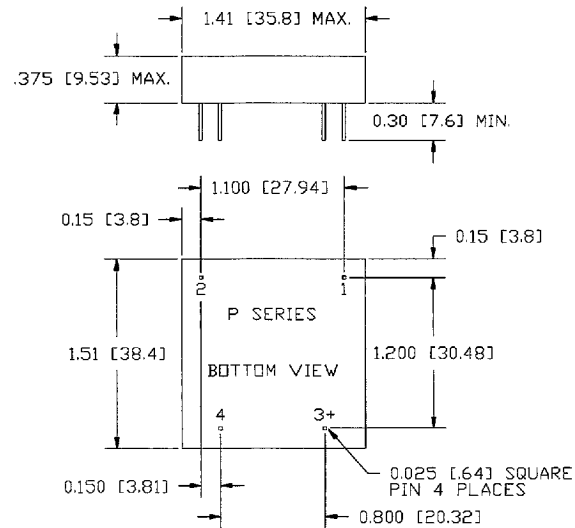
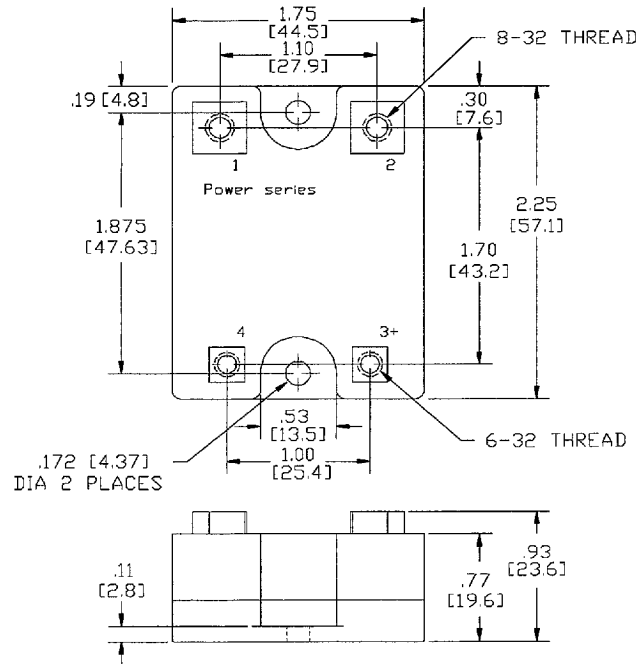


CURRENT VS. AMBIENT



○ Free air
□ Mounted on 6"x 6" plate (2°C/watt)

DC SWITCHING SERIES



TOLERANCES: .XX ± 0.03 [0.8]
.XXX ± 0.010 [0.25]

Detailed Electrical Specifications

	DC60P or DC60MP	DC200P or DC200MP	DC60S-3	DC60S-5
Supply Voltage	60 VDC	200 VDC	60 VDC	60 VDC
Forward Voltage Drop	1.5 volts at 3 amps	1.5 volts at 1 amp	1.5 volts at 3 amps	1.5 volts at 5 amps
Nominal Current Rating	3 amps	1 amp	3 amps	5 amps
Off-state Blocking	60 VDC	250 VDC	60 VDC	60 VDC
Signal Pickup Voltage	3 VDC *32 volts allowed	3 VDC *32 volts allowed	3 VDC 32 volts allowed	3 VDC 32 volts allowed
Signal Dropout Voltage	1 VDC	1 VDC	1 VDC	1 VDC
Signal Input Impedance	1000 ohms	1000 ohms	1000 ohms	1000 ohms
1 Second Surge	5 amps	2 amps	5 amps	10 amps
Operating Temp. Range	-40° C to 100° C	-40° C to 100° C	-40° C to 100° C	-40° C to 100° C
Isolation Voltage	4000 V _{rms}	4000 V _{rms}	4000 V _{rms}	4000 V _{rms}
Off-state Leakage	1 mA maximum	1 mA maximum	1 mA maximum	1 mA maximum
Package Type	P/MP series	P/MP series	Power series	Power series

Note: * MP series maximum allowed control signal 24 VDC.