

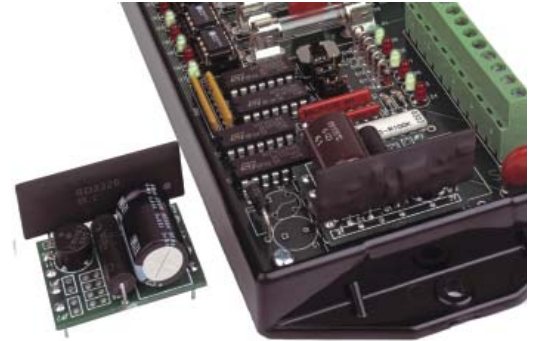


SPECIALTY DEVICES

DCS-1 DC POWER SUPPLY OPTION

DESCRIPTION

The DCS-1 Power Supply Option allows any SSI relay to be used with a 125VDC voltage source. This simplifies installation of SSI pulse isolation relays and totalizers in substation applications or other facilities where 125 VDC voltage power is commonly available. The DCS-1 option eliminates the problem of finding a way to convert 125VDC to 120 VAC when powering SSI's meter accessories.



The DCS-1 uses a switching power supply technology that converts 125VDC to +12VDC without any heat being generated, thus eliminating any power dissipation problems usually associated with linear power supplies.

It's simple to order this option on SSI products. Just add a "-SP2" to the end of the model number of the relay or totalizer that you need and it will be built for 125 VDC input.

DCS-1



SPECIALTY DEVICES

DCS-1 DC POWER SUPPLY OPTION

SPECIFICATIONS

ELECTRICAL

Power Input:	125VDC Burden: ~25mA, depending on relay
Maximum Output Voltage:	12VDC
Maximum Output Current:	100mA

MECHANICAL

Mounting:	Mounts directly to any SSI relay or totalizer. Must be factory mounted. Not for mounting to relays in the field.
Size:	1.50" X 1.00"
Weight:	1 oz

TEMPERATURE

Temperature Range:	0° C to 85° C
Humidity:	0 to 98% non-condensing

DCS-1