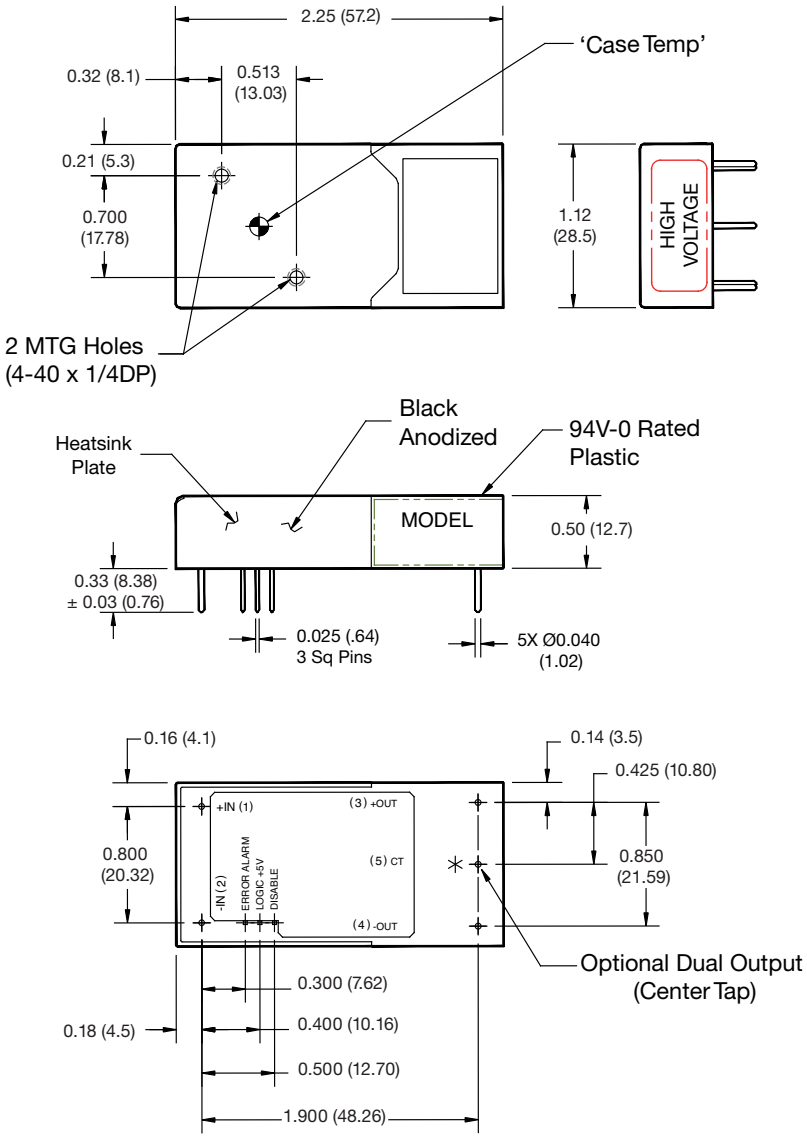
Models & Ratings

Output Voltage	Output Current	Ripple	Polarity	Input Voltage	Input Current, No Load	Input Current, Full Load	Model Number
0 to 200V	50mA	<6%	Reversible	12V	<300mA	<1.25A	FS02-12
0 to 200V	50mA	<6%	Reversible	24V	<150mA	<650mA	FS02-24
0 to 200V	50mA	<6%	Reversible	24V	<150mA	<650mA	FS02-24BT
0 to +/-100V	50mA	<6%	Bipolar	12V	<300mA	<1.25A	FS02CT-12
0 to +/-100V	50mA	<6%	Bipolar	15V	<250mA	<1.15A	FS02CT-15
0 to +/-100V	50mA	<6%	Bipolar	24V	<150mA	<650mA	FS02CT-24
0 to 300V	33.3mA	<2%	Reversible	12V	<300mA	<1.25A	FS03-12
0 to 500V	20mA	<2%	Reversible	12V	<300mA	<1.25A	FS05-12
0 to 500V	20mA	<2%	Reversible	12V	<300mA	<1.25A	FS05-12B
0 to 500V	20mA	<2%	Reversible	15V	<250mA	<1.15A	FS05-15
0 to 500V	20mA	<2%	Reversible	24V	<150mA	<650mA	FS05-24
0 to 500V	20mA	<2%	Reversible	24V	<150mA	<650mA	FS05-24B
0 to 500V	20mA	<2%	Reversible	28V	<125mA	<500mA	FS05-28
0 to 500V	20mA	<2%	Reversible	28V	<125mA	<500mA	FS05-28B
0 to +/-250V	20mA	<2%	Bipolar	12V	<300mA	<1.25A	FS05CT-12
0 to +/-250V	20mA	<2%	Bipolar	24V	<150mA	<650mA	FS05CT-24
0 to 1,000V	10mA	<1%	Reversible	12V	<300mA	<1.25A	FS10-12
0 to 1,000V	10mA	<1%	Reversible	12V	<300mA	<1.25A	FS10-12B
0 to 1,000V	10mA	<1%	Reversible	12V	<300mA	<1.25A	FS10-12BT
0 to 1,000V	10mA	<1%	Reversible	24V	<150mA	<650mA	FS10-24
0 to +/-500V	10mA	<1%	Bipolar	12V	<300mA	<1.25A	FS10CT-12
0 to +/-500V	10mA	<1%	Bipolar	24V	<150mA	<650mA	FS10CT-24
0 to 2,000V	5mA	<2.5%	Reversible	12V	<300mA	<1.25A	FS20-12
0 to 2,000V	5mA	<2.5%	Reversible	12V	<300mA	<1.25A	FS20-12B
0 to 2,000V	5mA	<2.5%	Reversible	15V	<250mA	<1.15A	FS20-15
0 to +/-1,000V	5mA	<2.5%	Bipolar	12V	<300mA	<1.25A	FS20CT-12T
0 to +/-1,000V	5mA	<2.5%	Bipolar	15V	<250mA	<1.15A	FS20CT-15
0 to +/-1,000V	5mA	<2.5%	Bipolar	24V	<150mA	<650mA	FS20CT-24
0 to +/-1,000V	5mA	<2.5%	Bipolar	28V	<125mA	<500mA	FS20CT-28
0 to 3,000V	3.33mA	<2%	Reversible	12V	<300mA	<1.25A	FS30-12
0 to 3,000V	3.33mA	<2%	Reversible	24V	<150mA	<650mA	FS30-24B
0 to 4,000V	2.5mA	<1.5%	Reversible	12V	<300mA	<1.25A	FS40-12
0 to 4,000V	2.5mA	<1.5%	Reversible	12V	<300mA	<1.25A	FS40-12B
0 to +/-2,000V	2.5mA	<1.5%	Bipolar	12V	<300mA	<1.25A	FS40CT-12
0 to +/-2,000V	2.5mA	<1.5%	Bipolar	12V	<300mA	<1.25A	FS40CT-12T
0 to -5,000V	2mA	<2.5%	Negative	12V	<400mA	<1.5A	FS50N-12
0 to -5,000V	2mA	<2.5%	Negative	24V	<200mA	<750mA	FS50N-24
0 to +5,000V	2mA	<2.5%	Positive	12V	<400mA	<1.5A	FS50P-12
0 to +5,000V	2mA	<2.5%	Positive	24V	<200mA	<750mA	FS50P-24
0 to +5,000V	2mA	<2.5%	Positive	24V	<200mA	<750mA	FS50P-24B
0 to -6,000V	1.67mA	<2.5%	Negative	12V	<400mA	<1.5A	FS60N-12
0 to -6,000V	1.67mA	<2.5%	Negative	12V	<400mA	<1.5A	FS60N-12B
0 to +6,000V	1.67mA	<2.5%	Positive	12V	<400mA	<1.5A	FS60P-12
0 to +6,000V	1.67mA	<2.5%	Positive	12V	<400mA	<1.5A	FS60P-12B
0 to +6,000V	1.67mA	<2.5%	Positive	24V	<200mA	<750mA	FS60P-24
0 to +6,000V	1.67mA	<2.5%	Positive	24V	<200mA	<750mA	FS60P-24B
0 to +6,000V	1.67mA	<2.5%	Positive	24V	<200mA	<750mA	FS60P-24T

Notes

- All orderable part numbers are listed above.
- B Suffix is used for models without SMART protection features described on page 2.
- T Suffix indicates extended operating temperature, see page 2 Environmental.
- CT indicates center tap pin for dual output.

Mechanical Details



Pin #	Function	
	FS02 - FS40	FS50 & FS60
1	(+) Input	(+) Input
2	(-) Input	(-) Input
3	(+) Output	HV Output
4	(-) Output	HV Return
5	(Center Tap) Optional	N/A
6	Error Alarm (B Version Not Included)	
7	Logic Input: +5V +/-5% (B Version Not Included)	
8	Disable: TTL High = Off (B Version Not Included)	

Notes

1. All dimensions are in inches (mm)
2. Weight 1.6oz (45g)
3. Tolerance: X.XX±0.02 (0.51)
4. Pin Tolerance: ±0.005 (0.127)
5. FS02 - FS40 are floating. FS50 and FS60 must be ordered as positive or negative.
6. Pins 6,7, and 8 are not included with B suffix models.