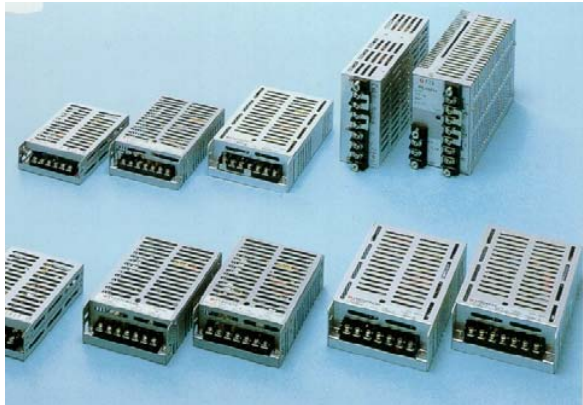


SV SERIES

DC/DC Single Output: 15-50 watts



Features

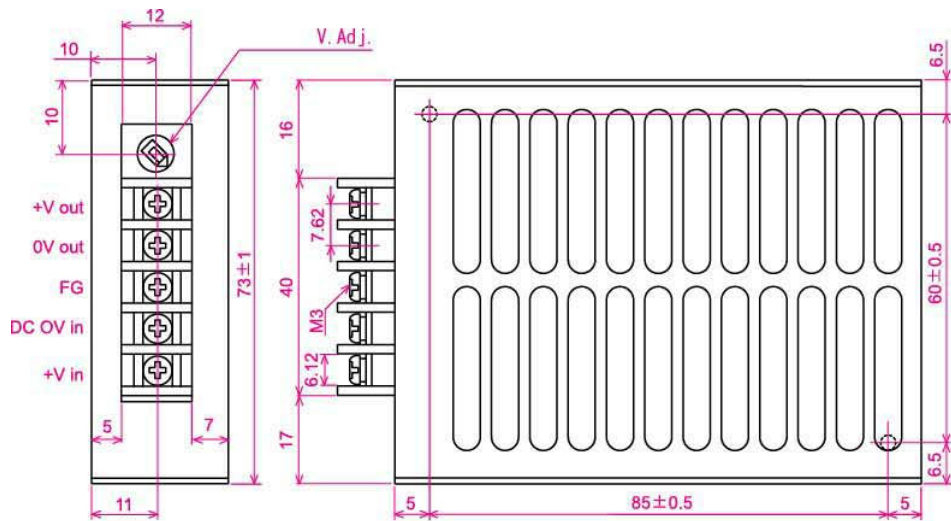
- Option of 12V, 24V, 48V or 110VDC input
- Wide input range
- Three power levels 15, 25 and 50 watts
- Floating output
- Input – Output fully isolated
- Fully regulated
- Overload and Overvoltage protection
- Demonstrated High MTBF 740,000 hrs
- No fan cooling
- Smart compact chassis mounting case
- Voltage adjustment trim potentiometer
- Suitable for a wide range of telecom and industrial applications.

Specification

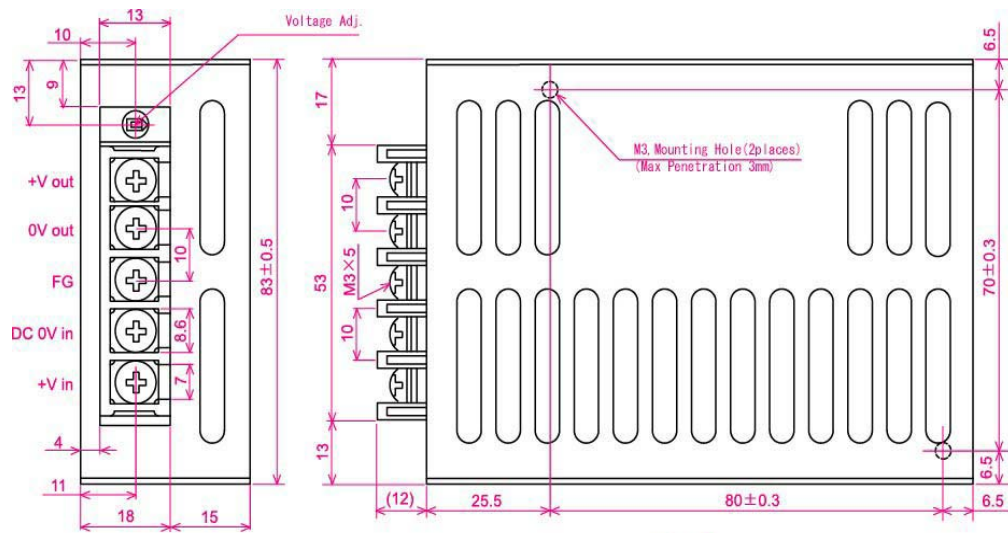
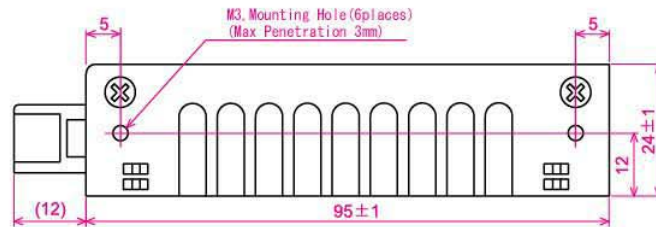
Input Voltage	12VDC (9.2 ~ 16) 24VDC (19 ~ 32) 48VDC (38 ~ 63) 110VDC (85 ~ 140)
Efficiency	Model Dependent 79 ~ 86%
Output Voltage	5 ~ 48V options refer to table
Output Power	15 ~ 50 watts
Voltage Adjustment	±10% of nominal output voltage
Ripple & Noise	150mV for 5V 220mV for 12V 250mV for 15V 340mV for 24V 580mV for 48V
Line Regulation	±0.9% maximum
Load regulation	±3% maximum with 25-75% load step
Switching Freq.	90kHz fixed
Temp Coefficient	0.03% per °C over 0° to 50°C
Rise Time	100ms maximum at rated input and output
Overcurrent Protection	Current limiting with auto recovery set at approximately 110% of rated output
Overvoltage Protection	Output shutdown, reset by recycling input power after one minute
Remote Sense	Not available
Reverse Voltage Protection	By internal fuse
Parallel Operation	No
Operating Temp	0° to 50°C
Humidity	85% RH Non-condensing
Isolation Voltage	Input –Output: 2000VAC Input – Chassis: 2000VAC Output – Chassis: 500VDC
EMC	EN55022 level A
Cooling	Convection cooled
Connector	Screw terminals
Dimensions & Weight	SVM: 60 x 95 x 20mm 120g SVA: 73 x 107 x 24mm 120g SVB: 83 x 124 x 33mm 410g

SV SERIES

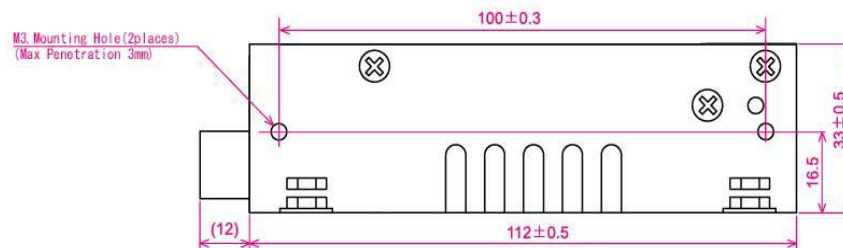
DC/DC Single Output: 15-50 watts



SVA



SVB



SVA_SC/SD