



Dimension 90*54.5*17.5mm (H*D*W)

Features:

- Ultra width 17.5mm(1SU)
- Universal input 85-264VAC
- No minimum load required
- DC output adjust($\pm 10\%$)
- Cooling by free air convection 30~+70°C
- Din Rail: TS-35/7.5 or 15
- Protections : Short circuit/Overload/Over voltage
- LED indicator
- 2 years warranty



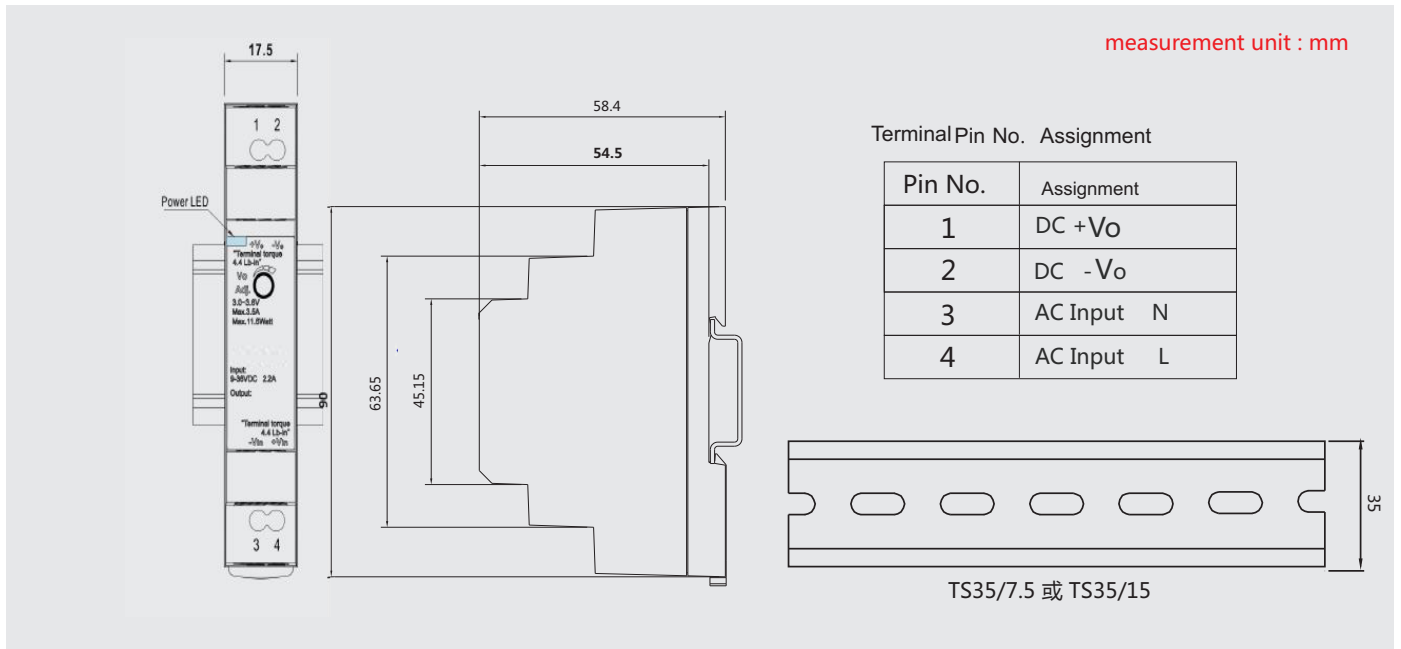
SPECIFICATION

MODEL		SA55HDR1505	SA55HDR1512	SA55HDR1515	SA55HDR1524
OUTPUT	DC VOLTAGE	5V	12V	15V	24V
	RATED CURRENT	3A	1.25A	1A	0.63A
	CURRENT RANGE	0-3A	0-1.25A	0-1A	0-0.63A
	RATED POWER	15W	15W	15W	15W
	RIPPLE & NOISE (max.) Note.2	80mVp-p	100mVp-p	120mVp-p	120mVp-p
	VOLTAGE ADJ. RANGE	4.5~5.5V	10.8~13.5V	13.5~16.5V	21.6~28V
	VOLTAGE TOLERANCE Note.3	±2.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATION	±1.0%	±1.0%	±1.0%	±1.0%
	LOAD REGULATION	±1.0%	±1.0%	±1.0%	±1.0%
	SETUP, RISE TIME	2000ms、 80ms/230VAC 2000ms、 80ms/115VAC (full load)			
HOLD UP TIME (Typ.)	30ms/230VAC 12ms/115VAC (full load)				
External capacitive load (max)					
INPUT	VOLTAGE RANGE Note.6	85-264VAC 120-370CDV			
	EFFICIENCY(Typ.)	80%	85%	85%	86%
	AC CURRENT(Typ.)	0.5A/115VAC 0.25A/230VAC			
	INRUSH CURRENT (Typ.)	Cold start 25A/115VAC 45A/230VAC			
PROTECTION	OVERLOAD	110~150% rated output power			
		Protection type : Constant current limiting, recovers automatically after fault condition is removed			
	OVER VOLTAGE	5.75-7V	13.8-16.2V	17.25-20.25V	30-36V
		Protection type : Shut down o/p voltage, re-power on to recover			
	REVERSED POLARITY				
ENVIRONMENT	UVLO				
	WORKING TEMP.	-30~+70℃(Refer to "Derating Curve")			
	WORKING HUMIDITY	20~95%RH non-condensing			
	STORAGE TEMP.,HUNMIDITY	-40~+85℃, 10%-95%RH,non-condensing			
	TEMP. COEFFICIENT	0.03%/℃(°℃)			
	VIBRATION	Component : 10~500Hz,2G 10min./1 cycle , 60min. each along X,Y,Z axes			
SAFETY& EMC (Note.5)	OPERATING ALTITUDE	2000m			
	SAFETY STANDARDS	Comply to CE and GB4943			
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC			
	ISOLATION RESISTANCE	I/P-O/P>100M Ohms / 500Vdc / 25℃/ 70% RH			
	EMC EMISSION	EN55032(CISPR32)CClassB,EN61000-3-3			
OTHERS	EMC IMMUNITY	EN 61000-4-2,3,4,5,6,8			
	MTBF	907K hrs min.MIL-HDBK-217F(25℃)			
	DIMENSION	17.5*90*54.5mm (W*H*D)			
	PACKING	68g/Pcs			
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. The power supply is considered a component which will be installed into final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 5. Installation clearances : 40mm on top, 20mm on the bottom, 5mm on the left and right side are recommended when loaded permanently with full power. In case the adjacent device is a heat sour, 15mm clearance is recommended. 6. Derating may be needed under low input voltage. Please check the derating curve for more details.				

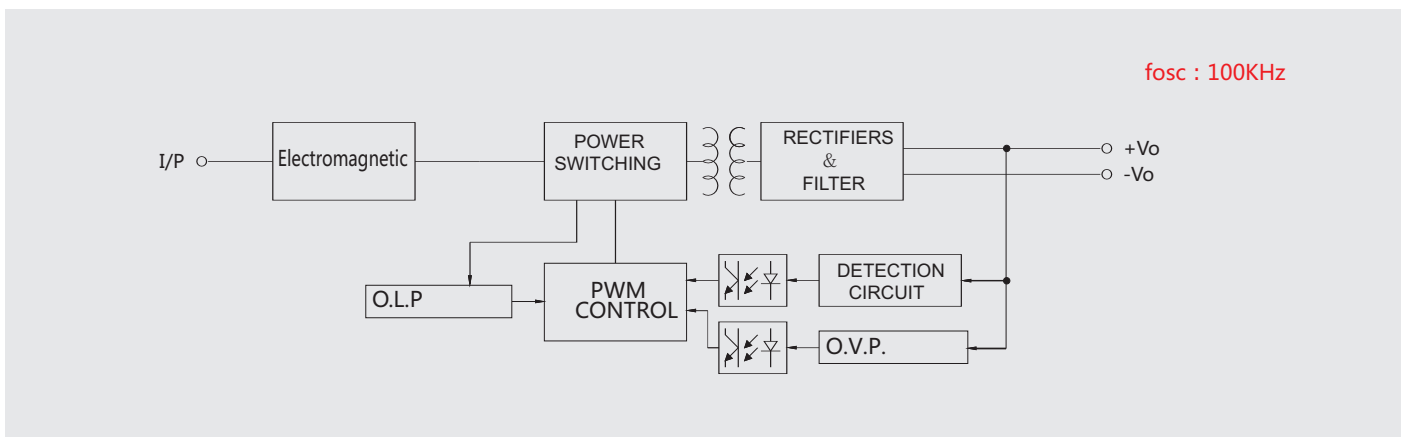
15W Din Rail Power Supply

SA55HDR15..

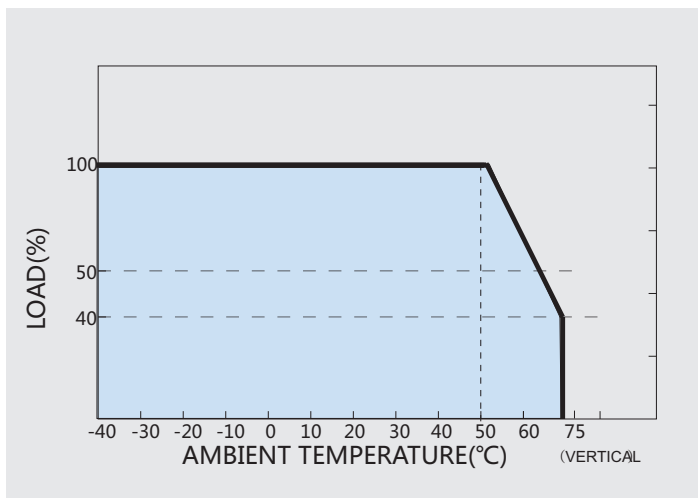
Mechanical Specification



Block Diagram



Derating Curve



Static Characteristics

