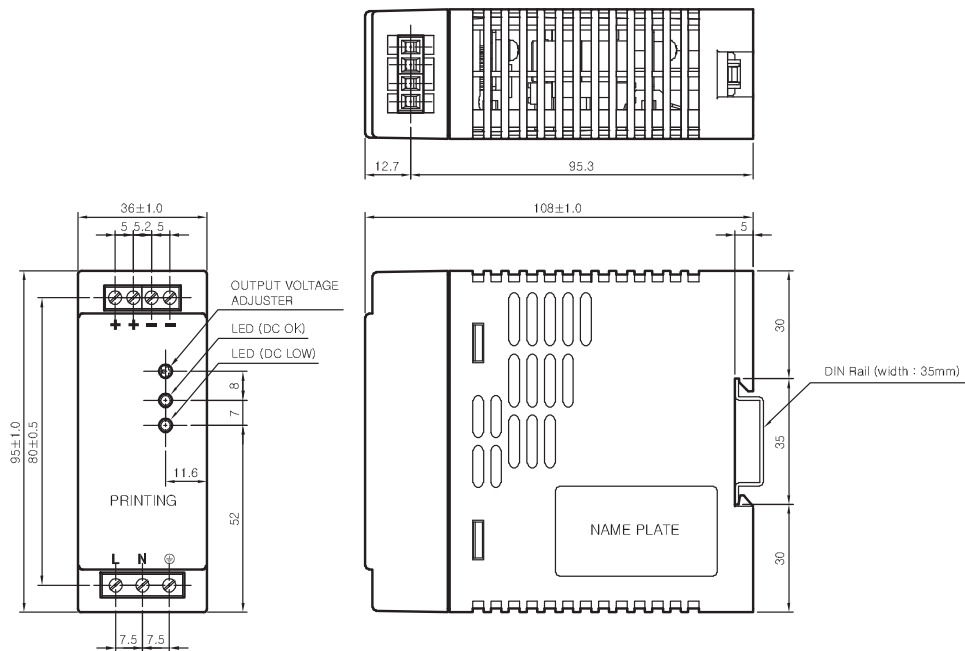


FDR30-S SPECIFICATIONS



MODEL		FDR30-12	FDR30-24	
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC 90 ~ 264V or DC 127 ~ 370V), 50/60Hz (47 ~ 63Hz), Universal input		
	CURRENT [A]	110V	0.9 (I _o =100%)	
		220V	0.6 (I _o =100%)	
	EFFICIENCY [%]	110V	82 typ	84 typ
		220V	84 typ	84 typ
INRUSH CURRENT	20A typ (AC IN 110V, I _o =100%), 40A typ (AC IN 220V, I _o =100%) at cold start.			
OUTPUT	VOLTAGE [V]	12	24	
	CURRENT [A]	2.5	1.3	
	VOLTAGE ADJUSTMENT RANGE [V]	10.8 ~ 13.2	21.6 ~ 26.4	
	REGULATION, LINE [mV]	60	120	
	REGULATION, LOAD [mV]	120	240	
	RIPPLE, NOISE MAX [mV]	150	150	
	TEMPERATURE DRIFT [mV]	180	360	
	RISE TIME [ms]	560 Max (AC IN 110V I _o =100%)		
	HOLDING TIME [ms]	20 typ (AC IN 110V I _o =100%)		
FUNCTION	OVER CURRENT PROTECTION [A]	Works at over 110 ~ 150% of rating and recovers automatically		
	OVER VOLTAGE PROTECTION [V]	Works at 115 ~ 140% of rating		
	DC_OK LAMP	LED (GREEN)		
	DC_LOW LAMP	LED (RED)		
	PARALLEL / SERIES OPERATOR	-		
Cooling / O.T.P	Convention Coling			
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)		
	INPUT-CASE, FG	AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)		
	OUTPUT-CASE, FG	AC 500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)		
ENVIRONMENT	OPERATING TEMP AND HUMID	-25 ~ +70°C(Required Derating), 20 ~ 90% RH (Non Condensing)		
	STORAGE TEMP AND HUMID	-40 ~ +85°C, 20 ~ 90% RH (Non condensing)		
	VIBRATION	10 ~ 55Hz at 2G, 1 minutes period, 1 hour along X, Y and Z axis		
SAFETY	SAFETY REGULATION	UL, C-UL, CE, CB	UL, C-UL, CE, CB	
EMISSION	CONDUCTED EMISSION	Complied with FCC Part 15 ClassB, VCCI-B, CLSFR22-B, EN55022-B		

FDR30-S EXTERNAL VIEW



- * Weight : 250g
- * Tolerance : ±1
- * Dimensions in mm