

# 120W Single Output DIN Rail Series



**New**

- AC input range selected by switch
- High reliability, low cost
- Installed on DIN rail TS35/ 7.5 or 15
- Protections: over current/ over voltage/ over temperature/ short circuit
- 2 years warranty
- F612DRF 45.4 x 108.4 x 114(mm)

**CE**

AC input voltage range .....	85~132/ 170~264VAC selected by switch
Input frequency .....	47~63Hz
Inrush current .....	cold start, 20A/115V, 40A/230V
Input leakage current .....	< 0.7mA/ 230VAC
Line regulation (full load) .....	≤ ± 0.5%
Output voltage adjust range .....	± 10%
Output over current protection .....	110~130%
Output over voltage protection .....	115~150%
Withstand voltage .....	I/P -O/P: 3.0KVAC/1min I/P -F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Rise time .....	50ms@full load (typical)
Hold up time .....	20ms@full load (typical)
Operating temp. & humidity .....	-10°C~+50°C, 20%~93%RH (non condensing)
Storage temp. & humidity .....	-20°C~+85°C, 20%~95%RH (non condensing)
Safety standards .....	meet UL508, UL60950, EN60950
EMC standards .....	meet EN55022 classB, EN61000
Cooling method .....	convection
Connection .....	3P/ 7.5mm pitch 4P/ 5.0mm pitch, terminal block

Model	DC Output		Load regul.	R&N	Efficiency
HF120W-SFDR-12	12V	10.0A	0.5%	100mV	82%
HF120W-SFDR-24	24V	5.0A	0.5%	120mV	85%
HF120W-SFDR-48	48V	2.5A	0.5%	150mV	86%

## Drawing

