

# 50W Single Output DIN Rail Series



- Universal AC input / full range
- Installed on DIN rail TS35/ 7.5 or 15
- High reliability, compact design
- DC OK signal output
- DC OK relay contact
- Protections: overload/ over voltage/ over temperature/ short circuit
- 2 years warranty
- F605DR 45 x 98 x 75.2(mm)



AC input voltage range .....	85~264VAC (120~370VDC)
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 overload protection .....	105~150%
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℃~+50℃, 20%~93%RH (non condensing)
Storage temp. & humidity .....	-20℃~+85℃, 20%~95%RH (non condensing)
Safety standards .....	meet UL508, UL60950, EN60950
EMC standards .....	meet EN55022 classB, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method .....	convection
Connection .....	3P/ 7.62mm pitch 5P/ 5.0mm pitch, terminal block

Model	DC Output		Load regul.	R&N	Efficiency
HF50W-SDR-12	12V	4.2A	0.5%	120mV	78%
HF50W-SDR-13.8	13.8V	3.6A	0.5%	150mV	80%
HF50W-SDR-24	24V	2.1A	0.5%	150mV	82%
HF50W-SDR-48	48V	1.0A	0.5%	200mV	83%

## Drawing

