

50W Single Output DIN Rail Series



CE

- Universal AC input / full range
- Installed on DIN rail TS35/ 7.5 or 15
- High reliability, compact design
- DC OK signal output
- Approvals: CE
- Protections: overload/ over voltage/ short circuit
- 5 years limited warranty
- F605DR 45 x 89.2 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	< 1mA/ 230VAC
Line regulation (full load)	≤ ± 0.5%
Output voltage adjust range	± 10%
Output overload protection	105~150%, hiccup mode, auto recovery
Output over voltage protection	115~150%, shut off, re-power on to recover
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 temperature	-20°C~+50°C
Safety standards	meet UL508, UL60950/ EN60950 approved
EMC standards	GB9254, EN55022 classB, EN55024 EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method	convection
Connection	3P/ 7.5mm pitch 5P/ 5.0mm pitch, plug-in terminal block
Weight	0.31kg/pcs

Model	DC Output		Load regul.	R&N	Efficiency
HF50W-SDR-12	12V	4.2A	0.5%	120mV	80%
HF50W-SDR-13.8	13.8V	3.6A	0.5%	120mV	80%
HF50W-SDR-24	24V	2.1A	0.5%	150mV	80%
HF50W-SDR-48	48V	1.0A	0.5%	150mV	86%

Drawing

