



## KA-52F-48/DIN-KA52F-48

KA-52F-48 : 48V/0.52A, 25 W POWER SUPPLY

DIN-KA52F-48 : 48V/0.52A, 25 W POWER SUPPLY WITH  
DIN-RAIL MOUNTING

### Specifications

<b>Input</b>	
Voltage range	100-250VAC
Frequency	50/60Hz
Input current	40A / 230VAC
LEAKAGE CURRENT(max.)	0.75mA / 240VAC
<b>Output</b>	
Voltage	48 VDC
Output current	0.52 A
Ripple	180mVp-p
Over voltage protection	Yes (clamp by Zener diode).
Over current protection	130 ~ 180% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed
Over load protection	105 ~ 135% rated output voltage Protection type : Recovers automatically after fault condition is removed
Temperature coefficient	±0.04%/°C (0~50°C)
Efficiency	82% (Typ.)
Hold-up time	16ms at full load
Line regulation	±1% (Line regulation is measured from low line to high line at rated load)
Load regulation	±2% (Load regulation is measured from 20% to 100% rated load)
<b>General</b>	
MTBF	500Khrs min. MIL-HDBK-217F(25°C)
<b>Environmental</b>	
Operating Temperature	0 °C ~ +50°C
Storage Temperature	-20 °C ~ +85°C
Humidity	20% ~ 90% RH, non-condensing
Derating	Derated from 100% at +38 °C
<b>SAFETY &amp; EMC</b>	
Safety standards	UL60950-1, CSA C22.2, TUV EN60950-1, BSMI CNS14336 approved
Withstand voltage	I/P-O/P: 3KVAC , I/P-FG: 1.5KVAC
Isolation resistance	I/P-O/P, I/P-FG: 100M Ohms / 500VDC / 25 / 70% RH
EMI conduction & radiation	Compliance to EN55022 class B, FCC PART 15 / CISPR22 class B, CNS13438 class B
Harmonic current	Compliance to EN61000-3-2,3
EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A