

FEATURES

Input voltage

115Vac/230Vac $\pm 15\%$

Input frequency

50/60Hz

Efficiency

75% typ.

Switching operating frequency

60kHz typ.

Input protections

- Inrush current limitation: 25A max.
- Input line fuses and EMI filter

Leakage current to GND

Max 1mA at 50Hz

See table for

- Output voltages and currents
- Line and load regulation
- Output ripple and noise

Output protections

- Over load and short circuit protection

- Overvoltage protection on output VA

Hold up time

15ms typ. - see diagram

Output power

155W - see table

Remote sense compensation

- Only on output VA: 0.5Vmax

Operating temperature

0°C to 50°C

Temperature power derating

2%/°C (50 \div 70°C)

Storage temperature

-20°C to 85°C

Temperature drift

0.01%/°C

Long term stability

Better than 1% after 24 hours

Cooling

Natural convection

Control and adjustment

- Output VA through trimmer on front panel

Dielectric withstand voltage

- Input - Output : 3750Vac (on insul.comp)
- Input - P.E.: 1750Vac

Isolation

- Output - P.E.: 500Vdc

Comply with

- EN50081-1 EN 61000-6-2
- EN60950
- CE

Weight

1670g

Optional features

- I - Inhibit input ; inhibits all outputs
- PF - Power fail/reset signals

Output VF:

Option available only with DIN 41612 plugs D-F

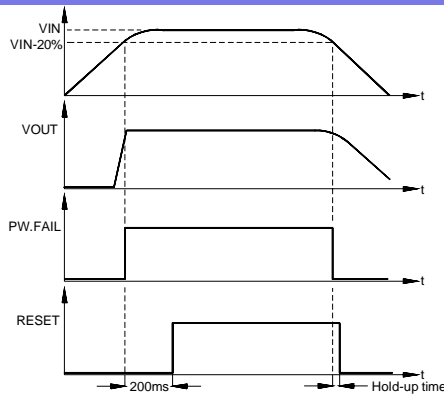
FEATURES TABLE

MODEL	Output Power W	OUT	Common	Vout Volts	Iout Ampere	Imin Ampere	Line regulation VIN(min÷max) %	Load regulation (10÷100%) %	Ripple & Noise (0÷20MHz) mV
M152-R	153.7	VA (sw)	COM1	5	10	2	± 0.2	± 1	50
		VB (sw)	COM2	12	3	0.2	± 0.2	± 6	100
		VC (sw)	COM2	24	2	0.2	± 0.2	± 6	100
		VD (sr)	COM3	12	0.8	0	± 0.1	± 3	100
		VE (sr)	COM3	-12	0.8	0	± 0.1	± 3	100
		VF (sr)	COM3	-5	0.1	0	± 0.1	± 3	100
M155-R	158.5	VA (sw)	COM1	5	10	2	± 0.2	± 1	50
		VB (sw)	COM2	12	3	0.2	± 0.2	± 6	100
		VC (sw)	COM2	24	2	0.2	± 0.2	± 6	100
		VD (sr)	COM3	15	0.8	0	± 0.1	± 3	100
		VE (sr)	COM3	-15	0.8	0	± 0.1	± 3	100
		VF (sr)	COM3	-5	0.1	0	± 0.1	± 3	100

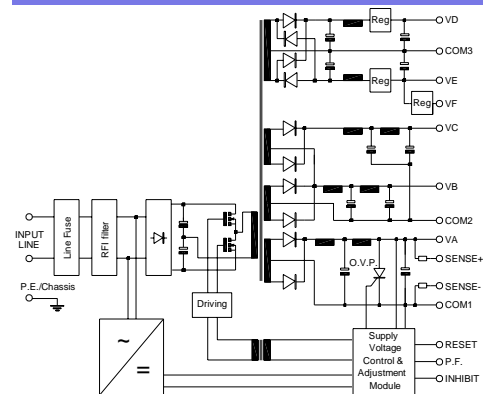
M152-R VIEW



PF/RESET SIGNALS



BLOCK DIAGRAM



DIMENSIONS AND CONNECTIONS

