



- LED status indicator
- Overload protection with automatic recovery
- Wide range of input voltage: 100-240VAC, 150-380VDC
- Universal output 50-60V
- 12-24VDC Adjustable output with 10-turns variable resistor
- Miniature aluminum enclosure

Specification:

		45W	65W
Output	Rated power		
	DC voltage	50-60V	
	DC adjustable voltage range	48.5-61.5V	
	Rated current	50V@1.0A; 60V@0.75A	50V@1.3A; 60V@1.1A
	Output voltage noise and ripples	≤0.5%	
	PWM frequency	120kHz (60kHz without load)	
	Temperature regulation	≤1%	
	Output voltage setup time	1500ms	
	Output CON2 ¹	1. V-; 2. V+; 3. On/Off	
	Max current for OC output	40mA	
Input	Voltage range	100-240VAC (94VAC Min, 264VAC Max) 150-380VDC	
	Frequency range	47 ~ 63Hz	
	Efficiency	>82%@12V, >84%@24V	
	Open-circuit power	≤4.0W	
	Inrush current	40A max	
Indication	Green LED	on solid - normal, flashing - protection on	
Protection	Max output power	60W	100W
	Protection type	full auto	
Environment	Operating ambient temperature	- 25 °C to + 65 °C	
	Storage temperature	-40 °C to +85 °C (humidity 10%~90%)	
	Humidity (non-condensing)	20%~90%	
	Vibration	10-500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
Safety & EMC	Confirmed safety standards	IEC61000-3-2:2004, EN61000-3-3:2004, EN55013:2004, EN55020:2003, IEC60065:2009	
	Input/output breakdown voltage	3000V/60s/5mA	
	Input/ground breakdown voltage	1500V/60s/5mA	
	Output/ground breakdown voltage	500V/60s/5mA	
	Insulation resistance (input/output, input/ground, output/ground)	100MΩ, ±500V	
Others	MTBF	150 000 hours	
	Enclosure size	110x68x31	110x68x31
	DIN-rail holder	DIN-holder supplied separately ²	
	Warranty	2 years	
	Packaging	white box, 50 pieces per carton	
	Weight	200 g	270 g

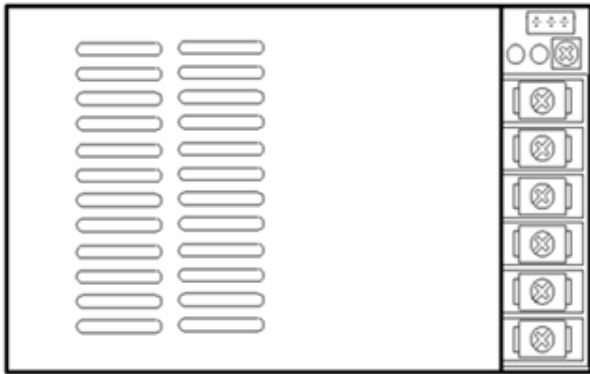
¹CON1 port on 50 and 75W power supplies is designed for remote power off if load needs warm boot. Power supply switches off the load while it is V- connected to On/Off point

²DIN-rail mounting

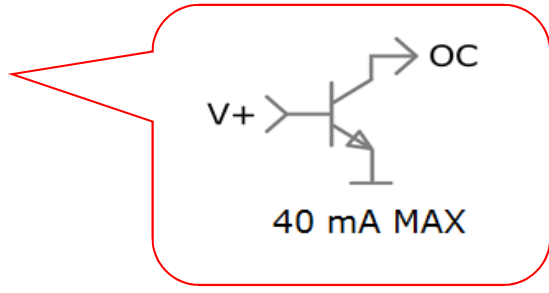
²DIN holder appearance



Pin's position:

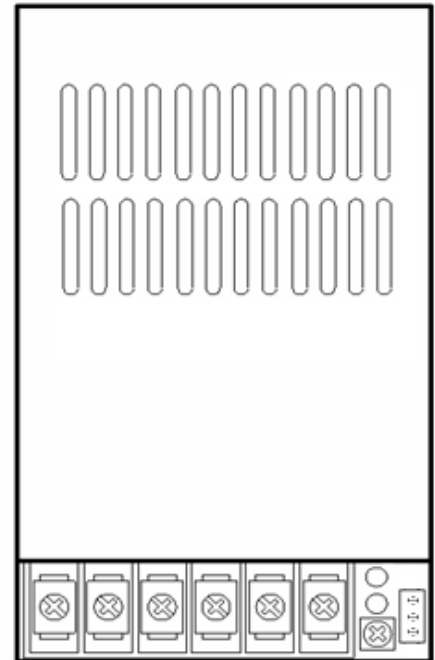
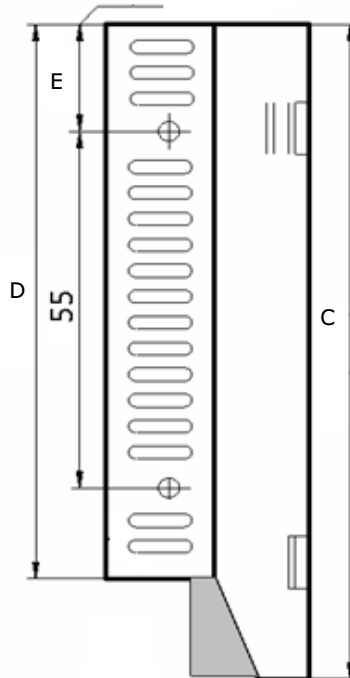
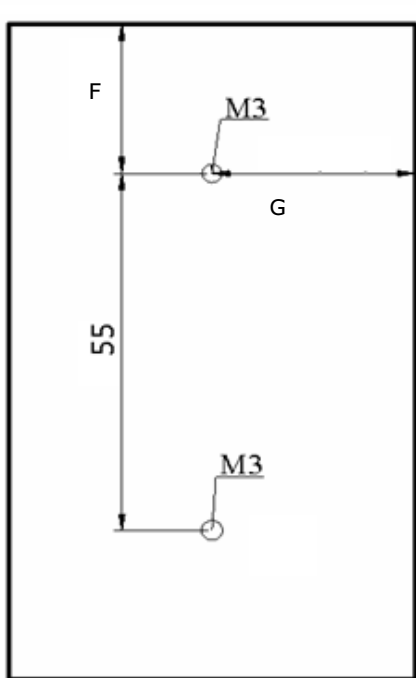
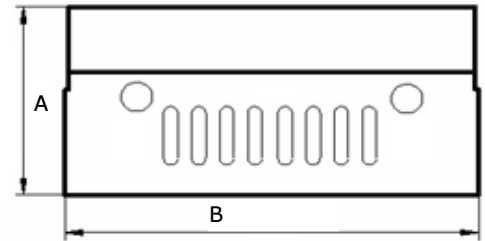


- CON2. GND, Indication, V+ ajust.
- OC output
- V+ output
- V- output
- FG input
- AC-N input
- AC-L input



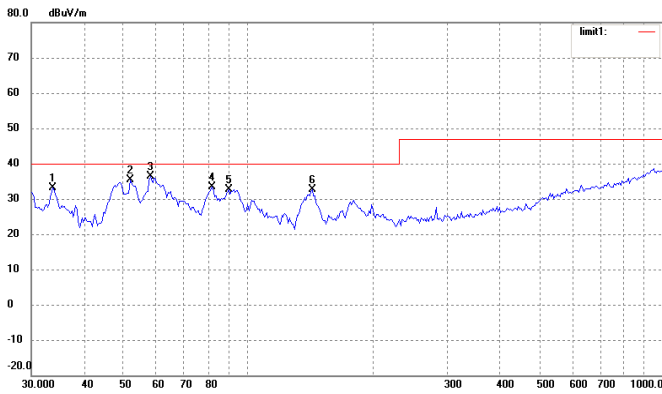
Housing drawing:

	A	B	C	D	E	F	G
45W/50-60v/120AL	31	68	110	92	18	21,5	55
75W/50-60v/140AL	37	74	134	116	30	24,5	37

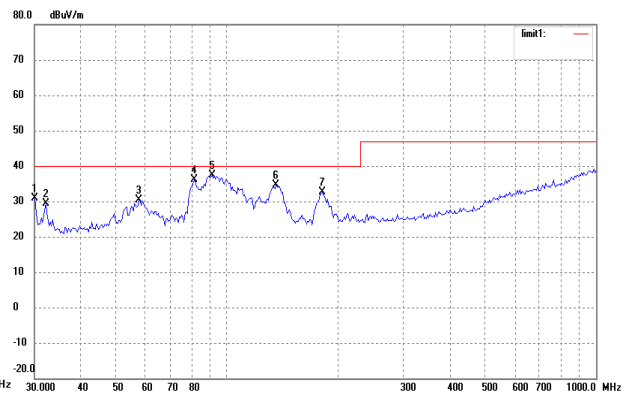


EMI-emission test: Radiointerference

45W/50-60v/120AL

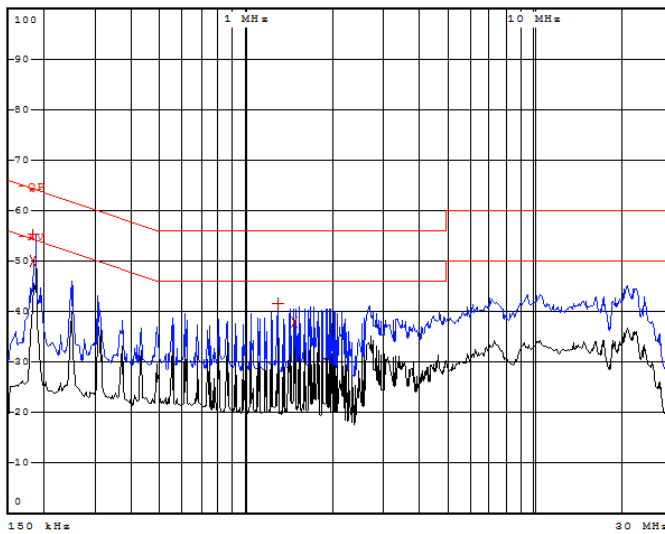


65W/50-60v/140AL



EMI-emission test: Emission interference

45W/50-60v/120AL



65W/50-60v/140AL

