

PSU40, PSU80 and PSU150 Power Supplies



A wide programme of compact and robust industrial power supplies for motor controllers that do not have their own power supply, or as a supplement to a built-in power supply in order to fulfil special requirements. Also an economic solution where several motor controllers can use the same supply.

The Power Supplies can be delivered with voltages of 40, 80 and 150 Volts DC, and in 200 Watt or 400 Watt versions. 40 Volt model also in a 1200 W version

All the Power Supplies can be loaded with up to 200% over-current for short durations, as is often required during acceleration of motors

In order to protect against longer duration overload, the

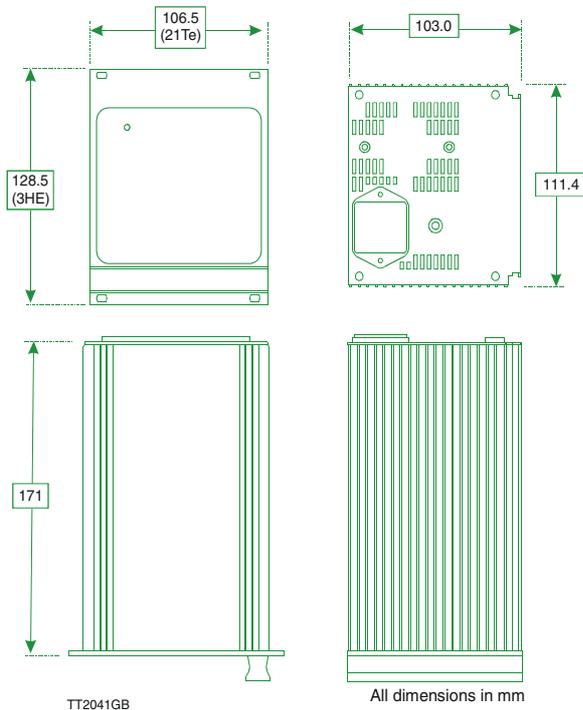
units are equipped with thermal protection that automatically switches the unit off if the temperature becomes too high.

- 40V, 80V and 150V versions
- 200W, 400W and 1200W versions
- Efficiency from 75 to 92%
- Allow short-duration loads up to 200%
- Equipped with thermal protection
- Fit in 19" Rack
- Can be mounted inside control cabinets using a baseplate
- Built into HF cabinet with front and rear panel
- 230 VAC and 115 VAC supply
- 24 VDC output for sensors etc.

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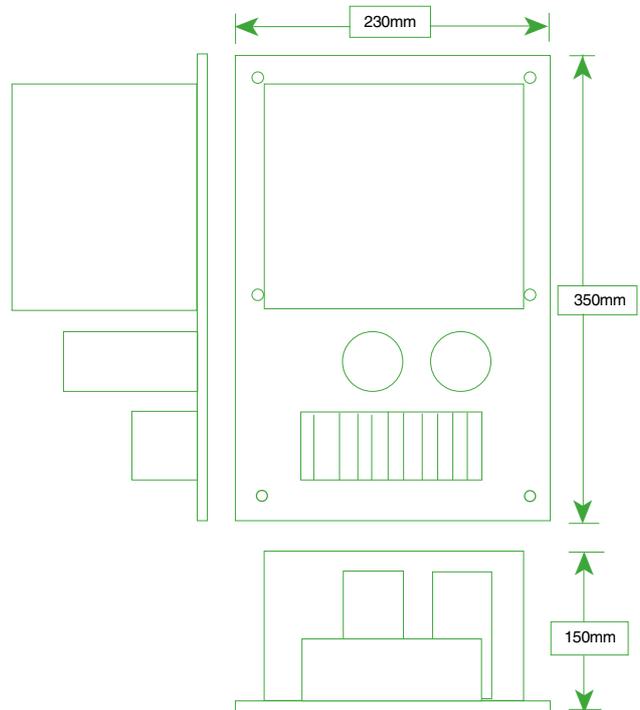
Dimensions

PSU40/80/150-2/4



Dimensions

PSU40-12



Specifications

Type no.	Out1	Out2	Out2 load cont.	Out2 load short dur.	Out2 Unloaded cont.	Fuse primary	Fuse secondary	Possibility for 115V	Weight kg
PSU40-2*	24V/1A	40V	200W	400W	40-33V	T 1.6A	T 6.3A	Yes	2.90
PSU40-4	24V/1A	40V	400W	800W	40-33V	T 3.15A	T 10A	Yes	5.05
PSU80-2*		80V	200W	400W	80-67V	T 2A	T 4.0A	No	2.85
PSU80-4		80V	400W	800W	80-70V	T 3.15A	T 6.3A	Yes	5.00
PSU150-2		150V	200W	400W	162-140V	T 1.6A	T 3.15A	Yes	3.00
PSU150-4		150V	400W	800W	162-140V	T 3.15A	T 4.0A	No	5.35
PSU40-12	4x40V/8A		1200W	2400W	41-34V	T 6.3A	4x10A	Yes	16.0

* not for new designs

Application with JVL units

JVL Controllers/ Drivers Modules	Recommended Power Supply
MACxxx, SMC35x SMC23,24,25,26 SMC20, SMD10xx SMD41, Div. Modules	PSU40-4 PSU40-12
SMD15xx, SMD41xx, DMC10, AMC10-12	PSU80-4
SMD30xx SMC30x, SMD42xx	PSU150-2 PSU150-4

Accessories

Description	Type
Mains Cable	Netkabel1
Base Plate	Base1, 140x170x4mm



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