



PSL1M 010...



PSL1M 033 12
PSL1M 036 24

Order code	Rated output voltage	Rated output current	Output power	Qty per pkg	Wt
	[V]	[A]	[W]	n°	[kg]
Single phase.					
PSL1M 010 12	12VDC	0.83	10	1	0.114
PSL1M 024 12		2	24	1	0.177
PSL1M 033 12		2.75	33	1	0.248
PSL1M 054 12		4.5	54	1	0.311
PSL1M 072 12		6	72	1	0.443
PSL1M 010 24	24VDC	0.42	10	1	0.114
PSL1M 024 24		1	24	1	0.177
PSL1M 036 24		1.5	36	1	0.248
PSL1M 060 24		2.5	60	1	0.311
PSL1M 100 24		4.2	100	1	0.443

General characteristics

Switching power supplies transform an AC input voltage into a DC output one. This type of equipment is used in industrial and domestic automation fields. The power supplies are equipped with switching technology offering very high efficiency in an extremely compact size.

Dimensions are compatible with modular consumer panels and its plastic housing is suitable for building automation installations as well as industrial automation applications.

The wide range of power supply voltages and the choice of DC current outputs provide for the best adaptability to supply voltage needs of the most common electronic and electromechanical devices.

Protections:

- Short circuit
- Overload
- Input voltage peaks.

Indications:

- LED indicator for low voltage conditions
- LED indicator for power on.

Operational characteristics

- Rated supply voltage: 100-240VAC
- Rated output voltage: 12VDC for PSL1M...12 types; 24VDC for PSL1M...24 types
- Mains frequency: 50/60Hz
- Output voltage adjustment by front potentiometer
- High efficiency up to 89%
- 35mm DIN rail (IEC/EN 60715) mounting
- Screw connection terminals
- Modular DIN 43880 housing; number of modules:
 - 1 for PSL1M 010...
 - 2 for PSL1M 024...
 - 3 for PSL1M 033 12 and PSL1M 036 24
 - 4 for PSL1M 054 12 and PSL1M 060 24
 - 5 for PSL1M 072 12 and PSL1M 100 24
- IEC degree of protection: IP20 on terminals.

Certifications and compliance

Certifications obtained: EAC; UL Listed for USA and Canada (cULus-File E318016) as Power Supplies in power circuit and motor-mounted apparatus category.

Compliant with standards: IEC/EN 60950-1, IEC/EN 61000-6-2, IEC/EN 61000-6-3, UL508, CSA C22.2 n° 107-1.