



PSL1 005 24  
PSL1 010 24  
PSL1 018 24

PSL1 030 24  
PSL1 060 24



PSL1 100 24  
PSL1 120 24

PSL1 240 24  
PSL1 300 24



PSL1 480 24



PSL2 100 24

PSL3 120 24



PSL3 240 24



PSL3 480 24



PSL3 960 24

Order code	Rated output voltage	Rated output current	Output power	Qty per pkg	Wt
	[V]	[A]	[W]	n°	[kg]
Single phase.					
PSL1 005 24	24VDC	0.21	5	1	0.190
PSL1 010 24		0.42	10	1	0.196
PSL1 018 24		0.75	18	1	0.226
PSL1 030 24		1.25	30	1	0.336
PSL1 060 24		2.5	60	1	0.400
PSL1 100 24		4.2	100	1	0.508
PSL1 120 24		5	120	1	1.018
PSL1 240 24		10	240	1	1.486
PSL1 300 24	12.5	300	1	1.496	
PSL1 480 24	20	480	1	2.348	
Two phase.					
PSL2 100 24	24VDC	4.2	100	1	0.570
Three phase <sup>①</sup> .					
PSL3 120 24	24VDC	5	120 <sup>①</sup>	1	0.910
PSL3 240 24		10	240 <sup>①</sup>	1	1.190
PSL3 480 24		20	480 <sup>①</sup>	1	1.995
PSL3 960 24		40	960 <sup>①</sup>	1	3.672

① Two-phase connection is admissible with a 25% output power derating.

## General characteristics

This type of equipment is used to power supply electromechanical and electronic devices with DC control, such as contactors, time relays, sensors, PLCs, DC motors, displays, SSRs and other equipment normally found in automation systems and networks.

### 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 for PSL1 005 24 - PSL1 100 24 types
  - 115/230VAC self-configurable for PSL1 120 24... - PSL1 480 24 types
  - 400-500VAC for PSL2... and PSL3...<sup>①</sup> types
- Rated output voltage: 24VDC
- Mains frequency: 50/60Hz
- Output voltage adjustment by front potentiometer
- PFC function for types: PSL1 120 24 to PSL3 960 24
- Parallel connection for types: PSL1 120 24, PSL1 240 24, PSL1 300 24, PSL1 480 24, PSL2 100 24, PSL3 240 24, PSL3 480 24, PSL3 960 24
- High efficiency up to 92%
- 35mm DIN rail (IEC/EN 60715) mounting
- Screw connection terminals
- Plastic or metal housing depending on type
- 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.