



Product designation			Switching power
<u>-</u>			supplies
Product type designation			PSL3
Input characteristics			T
Input type			Three-phase
Rated supply voltage AC		VAC	Multivoltage 400500
Operating range			
AC			
	min	VAC	340
	Max	VAC	575
DC	_		
	min	VDC	480
	Max	VDC	820
Rated frequency		Hz	50/60
Operational frequency	_		
	min	Hz	47
	max	Hz	63
Current consumption Max		mA	500
PFC			0.55
Insulation voltage Input/Output			
	AC	VAC	3000
	DC	VAC	4242
Internal fuse (250VAC)			T2A 600VAC
Output characteristics			
Rated output voltage DC		VDC	24
Voltage trimming (potentiometer) DC		\	
	min	VDC	22.5
Details to the word	Max	VDC	28.5
Rated output current		A	5
Rated output power		W	120
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficency		%	89
Overload protection			115135%
Short-circuit protection			Hiccup
Ripple & noise		mV	100
Parallel connection		Nr.	No
Indications			.,
LED indicator for power on			Yes
LED indicator for low voltage			Yes
Power Rdy (Ready - minimum limit)			Yes
Connections			
Terminals type			Screw



ENERGY AND AUTOMATION

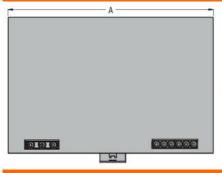
Ambient conditions Temperature Operating temperature °C min -40 °C +71 max Storage temperature °C min -40 °C +85 max 2.5%/°C above %/°C Derating 60°C Housing Material Metal IEC degree of protection IP20 74.3 x 124 x Dimensions (W x H x D) mm 118.8

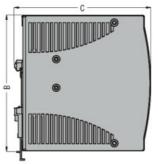
Installations

Weight

Mounting On 35mm DIN rail

Dimensions



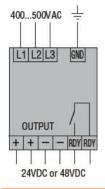


TYPE	A	В	C
PSL1 120	64 (2.52")	124.5 (4.90")	123.6 (4.87")
PSL1 240	83.5 (3.29")	124.5 (4.90")	123.6 (4.87")
PSL1 300	83.5 (3.29")	124.5 (4.90")	123.6 (4.87")
PSL1 480	175.5 (6.91")	124.5 (4.90")	123.6 (4.87")
PSL3 120 24	74.3 (2.92")	124 (4.88")	118.8 (4.68")
PSL3 240	89 (3.50")	124 (4.88")	118.8 (4.68")
PSL3 480	150 (5.90")	124 (4.88")	118.8 (4.68")
PSL3 960	275.8 (10.86")	125.9 (4.96")	120.3 (4.74")

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Wiring diagrams



Certifications and compliance

Compl	iance
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CSA	C^{2}	2	n°1/

IEC/EN/BS 61000-6-2 IEC/EN/BS 61000-6-3

IEC/EN/BS 62368-1

UL 508

Certificates

-11	
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EAC

RCM

ETIM classification





DIN RAIL SWITCHING POWER SUPPLY, THREE-PHASE. 24VDC, 5A/120W

ETIM 8.0

EC002540 - DCpower supply