

Single phase, primary switched mode power supply **PSRA 3**



Advantages

- Stabilised and adjustable output voltage
- DC OK signalling via LEDs
- Service-friendly spring-loaded connector system

Applications

Primary switch mode power supply with integrated output filter for AS-i bus system.

Standards



Primary switched mode power supply
to UL 60950, UL 508 ASi, Germanischer Lloyd

Safety:
EN 61558-2-17, EN 60950 (SELV)

EMC:
EN 61204-3

Approvals



UL/CSA 60950 recognised, UL508 listed
Germanischer Lloyd
AS-Interface

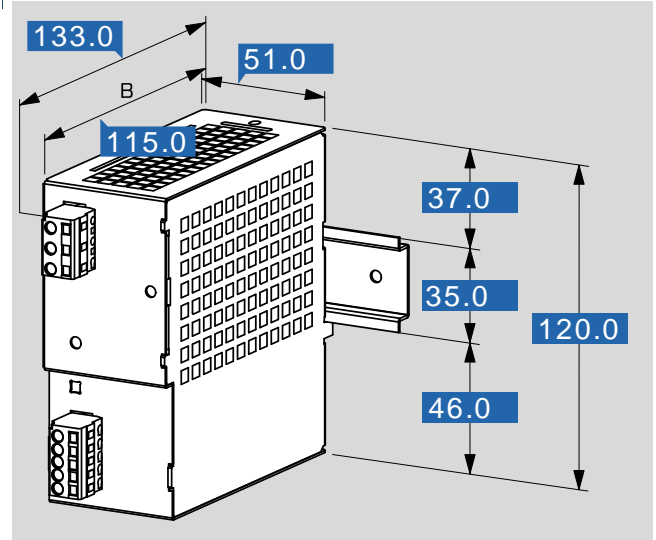


Single phase, primary switched mode power supply

PSRA 3

Type		PSRA 3
Electrical data	Input	
	Input voltage range	85 - 264 Vac
	Low-inrush current	<50 Ap
	Input rated current (rated load)	1.4 A (115 Vac) / 0.8 A (230 Vac)
	Rated frequency range	50 - 60 Hz
	Input rated voltage	230 Vac
	Input fuse internal	3 A (slow-blow)
	Recommended back-up fuse (circuit breaker)	C10 or B16
	Mains buffering	115 Vac >15 ms / 230 Vac >50 ms
	Output	
	Output rated voltage	30.5 Vdc
	Output voltage range	26 - 33 Vdc, adjustable
	Output rated current	3.00 A
	Overload behaviour	Constant current
	Efficiency	89 %
Resistance to reverse feed max.	40 Vdc	
Signaling		
Power Good (DC OK)	LED green	
Standards		
Classification	Primary switched mode power supply	
Approvals		
Approvals	cURus, cULus, GL	
Environment		
Ambient temperature	-10 °C to 50 °C	
Derating	-3 %/K >+50 °C	
Safety and protection		
Protection index	IP 20	
Safety class	I	
Accessory		
Wall mounting	WH (optional)	
Order numbers		
Order Number	PSRA 3	

Type		PSRA 3
Mechanical data	Terminal and mounting	
	Connections input, (spring clamp terminal, pluggable)	max. 2.5 mm ²
	Connections output, (spring clamp terminal, pluggable)	max. 2.5 mm ²
	Mounting position	vertical
	Fixing method	DIN Rail system TH 35
	Measures and weights	
	Weight	0.73 kg



Subjects to change.