

EPOS CV 201 SPECIFICATION



General description EPOS CV 201 is a single-phase electronic AC/DC voltage source for the safe supply of loads such as motors or trigger coils. The output voltage can be adjusted manually or automatically using the ACTAS software. Output values and operating states are clearly displayed via status indicators. The voltage source is short-circuit-proof and protected against overload conditions.

Source	Voltage	5...270 VAC / 300 VDC		
	Output areas	30 V – 75 V – 145 V – 275 V		
	Step value	1 V		
	Accuracy	± 1 %		
	Power	2000 VA @ 230 V, 1700 VA @ 110V		
	Current	max. 40 A		
	Frequency	DC, 50 Hz, 60 Hz		
Protection	Overcurrent, short circuit, overload			
Measurement	Voltage	Range	Up to 300 VAC/DC	
	Current	Measuring range	30 / 100 A AC/DC, switchable	
Complete system	Power supply	Rated voltage : 100...240 VAC, 47...63 Hz Current: max. 20 A Galvanic isolation of the source section from the mains voltage		
	Measuring connections	1 Industrial plug connectors		
	Housing	19"- housing, 4 U		
	Degree of protection	Mounted IP20		
	Dimensions (W x H x D) mm	450 x 177 x 460		
	Mounting depth	Depth + 100 mm for connection plug		
	Weight	~ 20 kg		
	Screen	High-resolution 3.5" screen		
	Operation	Touchscreen, Jog dial, Function keys		
	Display elements	Status LEDs, Screen status indication		
	PC interfaces	USB-B, RJ 45 (Ethernet)		
	Environment	Operating temp.	-10°C...50°C	
		Storage temp.	-20...60°C	
		Relative humidity	5...95%, non-condensing	
Protection degree		IP54		
Safety		DIN EN 61010-1 300 V~CAT II		
Product standard	DIN EN 61326-1			