

POWER SUPPLY UNITS

Single-phase

– Short-circuit and overload protected

– IP20

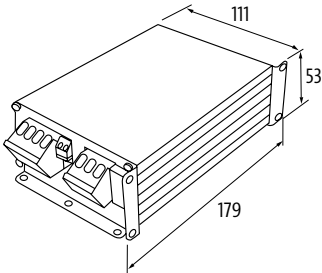
– rugged design

Emparro® HD

OUTPUT: 24...28 V DC
Current: 10 A



Order Data		Art-No.
24 V DC/10 A		85449
Input		
Input voltage	90...265 V AC/90...370 V DC	
Input current	1.1 A (240 V AC)	
Inrush current after 1 ms	max. 7 A (240 V AC)	
Power factor	0.91 (230 V AC)	
Frequency	50...60 Hz	
Input fuse (internal)	6.3 A (T)	
Output		
Output voltage	24 V DC (SELV), ±1%; 24...28 V adjustable	
Power Boost	15 A (min. 5 s)	
Output current	10 A	
Mains failure bridging time	min. 35 ms (100 V AC); 10 A (24 V DC)	
Ripple	max. 30 mVrms	
Spikes	max. 300 mV p-p	
Unit protection	Short-circuit and overload protected	
LED display	LED (green): OK; LED (red): overload, overheating or short-circuit	
Parallel usage/serial usage	max. 3 units/max. 2 units	
General data		
Standards	EN 60950-1, EN 61204-3, EN 55022 B, EN 61000-3-2	
Relative humidity	5...95%, no condensation	
Protection	IP20	
Efficiency	93.5% (115 V AC); 94.2% (230 V AC)	
MTBF	1 000 000 h	
Connection	Spring clamp terminals	
Mounting method	screw fixing	
Temperature range	-40...+50 °C, ...+80 °C derating (storage temperature -40...+85 °C)	
Dimension drawing		



Notes