



# Switching power supplies

## For DIN-rail

- High performance, Low ripple
- Reliable switching power supplies with high MTBF
- 100% Burn-in tested
  
- LED status indication
  
- Comprehensive protection circuitry:
  - Overcurrent
  - Overvoltage
  - Overtemperature
  
- Built-in EMC-Filter
- PFC correction
  
- UL508 approved
- EN61000-6-2 (EN50082-2) compliant for industry
  
- DIN rail TS35/7,5 or TS35/15

**High  
Reliability  
Low cost**



Technical Data		Type	DR120-24 690.01037-0	DRP240-24 690.01036-0	DRP480-48 690.01034-0
Output	DC voltage		24V	24V	48V
	Rated current		5A	10A	10A
	Current range		0...5A	0...10A	0...10A
	Rated power		120W	240W	480W
	Ripple & noise		80mVp-p	80mVp-p	120mVp-p
	Voltage adjustment range		24...28V	24...28V	48...53V
	Voltage tolerance		+/-1%	+/-1%	+/-1%
	Line regulation		+/-0,5%	+/-0,5%	+/-0,5%
	Load regulation		+/-1%	+/-1%	+/-1%
	Setup time		500ms	800ms	1200ms
	Rise time		70ms	40ms	40ms
	Hold time		30ms	20ms	16ms

Input	Voltage range (AC)	176...264V*	85...264V	180...264V
	Frequency range	47...63Hz		
	Efficiency (typ.)	84%	84%	89%
	AC current (230V)	2A	1,8A	6A
	Inrush current max.	60A	50A	50A
	Leakage current	<3,5mA		

\* 88...132V über Schalter

Protection	Overload	105...150%		
	Protection type	Current limitation		
	Overvoltage	29...33V	30...36V	54...60V
	Protection type	Shut down o/p voltage		
	Overtemperature	90+/-5°C	100+/-5°C	100+/-5°C
	Protection type	Shut down o/p voltage		

Environment	Working temperature	-10...+60°C (with derating)
	Humidity	20...90% Rel. non-condensing
	Storage temperature	-20...+85°C
	Temperature coefficient	+/-0,03%/°C
	Vibration	10...500Hz 2G

