



LCR-Series

- Low Cost Industrial Class Switch Mode Power Supply
- Fits into VDE0603 Sub-Distribution Switchbox

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LCR Series

Model	LCR010.24	LCR030.24	LCR060.24	LCR100.24
Nominal Power	10W	30W	60W	100W
AC Nominal Input	100... 240Vac			
AC Input Voltage	90... 264Vac			
DC Input Voltage	140... 340Vdc			
AC Frequency	47... 63Hz			
Hold-Up Time	90ms	160ms	80ms	80ms
Inrush Current	41A	41A	81A	52A
Start	softstart			
Output Voltage	24V	24V	24V	24V
Adjust Range	24 ... 28V	24 ... 28V	24 ... 28V	24 ... 28V
Ripple P-P	7mV	7mV	7mV	8mV
DC Nominal Current	420mA	1,25A	2,5A	4,2A
Load Regulation dyn.	±0,02%			
Load Regulation Time	4,4ms	5,8ms	4,2ms	4,5ms
Efficiency 230Vac typ.	82%	85%	85%	86%
Base Load	none required			
Short Circuit	continous protected			
Ambient Operation	-10 bis +60°C			
Cooling	natural			
Temperature Control	yes, Hiccup, auto-recovery			
Housing	VDE0603 for CB boxes			
Type Class	IP20			
Burn Proof Class	UL94V-0			
Safety IEC	EN60950-1 EN50178 EN60204-1			
Safety Class PELV	II A			
Input- /Output Isolation	3000Vac			
Humidity Operation	20 ... 90% non condensing			
EMI	EN55022B EN61000-3-2A			
EMS	EN61000-6-2,3			
MTBF IEC61709 [h]	299T	287T	250T	248T