




# Switching power supplies, redundant modules

Bi-phase switching power supplies				Redundant modules	
Types	100 W			SPD Redundant Module	SPM Redundant Module
					
Dimensions (mm) HxWxD	90 x 54 x 114			90 x 54 x 114	91 x 35 x 56
Output specifications					
Voltage	12 VDC	24 VDC	48 VDC	24 VDC	Input Voltage
Current	8.4 A	4.2 A	2.1 A	20 A	10 A
Line regulation	±1%				
Load regulation	±1%				
Efficiency	86%	87%	89%		
Input specifications					
Voltage range	340 to 575 VAC, 480 to 820 VAC,			21 to 28VDC	5 to 48 VDC
Frequency range	47 to 63Hz				
PFC	0.55				
General specifications					
Ambient temperature	-25°C to +71°C			-25°C to +71°C	-25°C to +71°C
Storage	-25°C to +85°C			-25°C to +85°C	-25°C to +85°C
Derating (>60°C)	2.5% /°C				
Approvals/Marks	UL - cUL - TÜV - CE - Class I DIV2			UL - cUL - TÜV - CE	
Installation	DIN Rail			DIN Rail	DIN Rail
Connection	Screw terminals			Screw terminals	Screw terminals
Main features					
	Parallel function, PFC and Output ready			2 Relay outputs for remote monitoring	
LED indicator for “power on”	Yes - with relay output (SPD24 only)			Yes - with relay output (SPD24 only)	
LED indicator for DC “too low”	Yes				
References					
12 VDC					
Screw terminals	SPD121002				
24 VDC					
Screw terminals	SPD241002		SPD24RM20		SPM2RM2410
48 VDC					
Screw terminals	SPD481002				