

# 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		