



Electronic Products and Relays Selection Table Power Supplies CP-Range

Switch Mode Power Supplies CP Range

		Order number																										
		1SVR 427 041 R1000	1SVR 427 043 R1200	1SVR 427 041 R0000	1SVR 427 043 R0100	1SVR 427 044 R0200	1SVR 427 045 R0400	1SVR 427 033 R3000	1SVR 427 032 R1000	1SVR 427 035 R1000	1SVR 427 030 R0000	1SVR 427 031 R0000	1SVR 427 032 R0000	1SVR 427 034 R0000	1SVR 427 035 R0000	1SVR 427 036 R0000	1SVR 427 030 R2000	1SVR 427 031 R2000	1SVR 427 034 R0000	1SVR 427 035 R2000	1SVR 427 014 R0000	1SVR 427 015 R0100	1SVR 427 016 R0100	1SVR 427 024 R0000	1SVR 427 025 R0000	1SVR 427 026 R0000		
		Single phase																										
Type		CP-D						CP-E												CP-S		CP-C						
Rated output voltage	5 V DC							■																				
	12 V DC	■	■						■	■																		
	24 V DC			■	■	■	■			■	■	■	■	■	■								■	■	■	■	■	
	48 V DC																	■	■	■	■							
Rated output current	0.42 A			■																								
	0.625 A				■													■										
	0.75 A										■																	
	0.83 A	■																										
	1.25 A											■								■								
	1.3 A				■																							
	2.1 A		■																									
	2.5 A					■			■	■				■														
	3 A						■	■																				
	4.2 A						■																					
	5 A													■						■			■		■			
	10 A									■					■						■		■		■			
20 A															■							■		■				
40 A																									■			
Rated output power	10 W	■		■				■																				
	15 W								■																			
	18 W										■																	
	30 W		■		■				■			■							■									
	60 W					■							■						■									
	100 W						■																					
	120 W									■				■									■		■			
	240 W														■					■			■		■			
	480 W															■					■			■		■		
9600 W																												
Rated input voltage	100 - 240 V AC	■	■	■	■	■	■	■	■		■	■	■				■	■										
	115/230 V AC auto select									■				■	■				■									
	115 - 230 V AC														■						■							
	110 - 240 V AC																					■		■	■	■	■	
	110 - 120 V AC																						■	■				
	220 - 240 V AC																						■	■				
	3 x 400 - 800 V AC																											
DC input voltage range	120 - 370 V DC	■	■	■	■	■	■	■			■						■											
	90 - 375 V DC								■			■	■					■	■									
	210 - 370 V DC									■				■	■					■								
	480 - 820 V DC																											
	100 - 350 V DC																						■		■	■	■	
	220 - 350 V DC																							■	■			
Features	50 % power reserve design																					■	■	■	■	■	■	
	Adjustable output voltage		■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■				■	■	■	
	Integrated input fuse	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Short circuit stable	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Fold forward behavior (U/I)	■	■	■	■	■	■		■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Fold back behavior (hiccup)							■			■																	
	Power factor correction												pas		pas	pas:act		pas:act						act	act	act		
	Ambient temp. rating -25°C (-40°C) to 70°C	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Parallelling							■	■	3	■	■	■	3	3	3	■	■	3	3	■	■	5	5	5	5	5	5
	Serial connection	■	■	■	■	■	■	■	■	2	■	■	■	2	2	2	■	■	2	2	■	■	■	■	■	■	■	■

Accessories

Typ		Order number
CP-RUD	Redundancy module ≤ 35 V; ≤ 5A	1SVR 423 418 R9000
CP-A RU	Redundancy module ≤ 40 V; ≥ 5A	1SVR 427 071 R0000
CP-A CM	Control module for CP-A	1SVR 427 075 R0000
CP-C MM	Messaging module for CP-C	1SVR 427 081 R0000

Electronic Protection Devices

Selection table

Rated current I _n in A	Type code	Order number	bbn 40 16779 EAN	Weight 1 piece kg	Pack unit pc.
0.5	EPD24-TB-101-0.5A	2CDE 601 101 R2905	829960	0.065	4
1	EPD24-TB-101-1A	2CDE 601 101 R2001	829984	0.065	4
2	EPD24-TB-101-2A	2CDE 601 101 R2002	830003	0.065	4
3	EPD24-TB-101-3A	2CDE 601 101 R2003	830027	0.065	4
4	EPD24-TB-101-4A	2CDE 601 101 R2004	830041	0.065	4
6	EPD24-TB-101-6A	2CDE 601 101 R2006	830065	0.065	4
8	EPD24-TB-101-8A	2CDE 601 101 R2008	830089	0.065	4
10	EPD24-TB-101-10A	2CDE 601 101 R2010	830102	0.065	4
12	EPD24-TB-101-12A	2CDE 601 101 R2012	830126	0.065	4

Selection table accessories

	Type code	Order number	bbn 40 16779 EAN	Weight 1 piece kg	Pack unit pc.
Busbars for LINE+ and 0 V, grey insulation, length 500 mm ¹⁾	EPD-BB500	2CDE 605 100 R0500	830140	0.20	10
Signal Bars for aux. contacts, grey insulation, length 21 mm	EPD-SB21	2CDE 605 200 R0021	830164	0.04	10

¹⁾ Max. load with one line entry I_{max} = 50 A (recommended: center-feeding)
Max. load with two line entries I_{max} = 63 A

Buffer modules CP-B range

Selection table

Typ	CP-B 24/3.0	CP-B 24/10.0	CP-B 24/20.0	CP-B EXT.2
Order code	1SVR 427 060 R0300	1SVR 427 060 R1000	1SVR 427 060 R2000	1SVR 427 065 R0000
Rated input voltage	24 V DC	24 V DC	24 V DC	-
Rated current	3 A DC	10 A DC	20 A DC	-
Energy storage (min.)	1000 Ws	10000 Ws	8000 Ws	2000 Ws
Typical charging time 100 %	65 s	120 s	68 s	
at load current 0 %	56 s	82 s	62 s	
Typical buffer time¹⁾				
at load current 100 %	14 s	40 s	15 s	
50 %	28 s	80 s	30 s	
25 %	74 s	140 s	60 s	
10 %	148 s	380 s	150 s	

¹⁾ buffer time = $\frac{\text{energy storage} \times 0.9}{\text{current} \times 23 \text{ V}}$

Contact us

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