

Primary switch mode power supplies

CP range

Ordering details

Compared with conventional power supplies, CP range power supplies provide many advantages:

- DIN rail mountable compact modules
- Low weight
- High efficiency
- Low heating
- Wide supply voltage range
- Constant output voltage
- Short-circuit and overload proof
- Input protection by internal fuse
- Safe isolation acc. to EN 50178 (VDE 0160)

Constant output voltage

Type	Supply voltage	Output voltage	Order code	Pack. unit pieces	Price 1 piece	Weight 1 piece kg/lb
CP-5/3.0	90-260 V AC/ 105-260 V DC	5 V DC / 3 A	1SVR 423 418 R3000	1		0.22/0.49
CP-6/3.0	90-260 V AC/ 105-260 V DC	6 V DC / 3 A	1SVR 423 418 R4000	1		0.22/0.49
CP-12/2.0	90-260 V AC/ 105-260 V DC	12 V DC / 2 A	1SVR 423 418 R1000	1		0.22/0.49
CP-24/0.3	90-260 V AC/ 105-260 V DC	24 V DC / 0.3 A	1SVR 423 418 R2000	1		0.22/0.49
CP-24/0.5	90-260 V AC/ 105-260 V DC	24 V DC / 0.5 A	1SVR 423 414 R0000	1		0.22/0.49
CP-24/1.0	90-260 V AC/ 105-260 V DC	24 V DC / 1 A	1SVR 423 418 R0000	1		0.22/0.49
CP-24/2.0	90-140 V AC	24 V DC / 2 A	1SVR 423 417 R0000	1		0.30/0.66
CP-24/2.0	140-260 V AC/ 160-260 V DC	24 V DC / 2 A	1SVR 423 417 R1000	1		0.30/0.66
CP-24/4.2	90-260 V AC/ 127-260 V DC	24 V DC / 4.2 A	1SVR 423 416 R1000	1		0.58/1.28
CP-24/5.0	90-260 V AC/ 127-260 V DC	24 V DC / 5 A	1SVR 423 416 R0000	1		0.58/1.28
CP-48/0.7	90-260 V AC/ 105-260 V DC	48 V DC / 0.7 A	1SVR 423 418 R6000	1		0.22/0.49



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Adjustable output voltage

Type	Supply voltage	Output voltage	Order code	Pack. unit pieces	Price 1 piece	Weight 1 piece kg/lb
CP-12/2.0 adj	90-260 V AC/ 105-260 V DC	12 V DC / 2 A	1SVR 423 418 R1100	1		0.22/0.49
CP-24/1.5 adj	90-260 V AC/ 105-260 V DC	24 V DC / 1.5 A	1SVR 423 418 R5000	1		0.22/0.49
CP-24/2.0 adj	140-260 V AC/ 160-260 V DC	24 V DC / 2 A	1SVR 423 417 R1100	1		0.28/0.616
CP-24/5.0 adj	90-260 V AC/ 127-260 V DC	24 V DC / 5 A	1SVR 423 416 R0100	1		0.58/1.28
CP-24/10 adj	93-132 V AC/ 187-264 V AC	24 V DC / 10 A	1SVR 423 415 R0000	1		1.05/2.31
CP-24/20 adj	93-132 V AC/ 187-264 V AC	24 V DC / 20 A	1SVR 423 415 R1000	1		2.20/4.84



2CDC 271 017 F0003

CP-24/1.5 adj



2CDC 271 015 F0003

CP-24/5.0 adj



1SVR 423 415 F0000

CP-24/10 adj



2CDC 271 010 F0003

CP-24/20 adj



2CDC 271 006 F0003

CP-RUD

Redundant module

Type	Input current	Output current	Order code	Pack. unit pieces	Price 1 piece	Weight 1 piece kg/lb
CP-RUD	5 A max.	5 A max.	1SVR 423 418 R9000	1		0.15/0.33

Monitors two CP range power supplies with an output current of up to 5 A each. If one power supply fails, CP-RUD automatically switches to the alternate supply without interruption of the load current. Max. voltage 40 V.

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