



# SITOP compact

## Slim power supply for control boxes

						
			new!	new!		
Technical data	Overall width 22.5 mm	Overall width 30 mm		Overall width 45 mm	Overall width 52.5 mm	
Output voltage / current, type	24 V/0.6 A, PSU100C	24 V/1.3 A, PSU100C	12 V/2 A, PSU100C	24 V/2.5 A, PSU100C	24 V/4 A, PSU100C	12 V/6.5 A, PSU100C
Order No.	6EP1331-5BA00	6EP1331-5BA10	6EP1321-5BA00	6EP1332-5BA00	6EP1332-5BA10	6EP1322-5BA10
Rated input voltage – Range	100–230 V AC 85...264 V AC/ 110...300 V DC	100–230 V AC 85...264 V AC/ 110...300 V DC	100–230 V AC 85...264 V AC/ 110...300 V DC	100–230 V AC 85...264 V AC/ 110...300 V DC	100–230 V AC 85...264 V AC/ 110...300 V DC	100–230 V AC 85...264 V AC/ 110...300 V DC
Mains buffering	> 20 ms (at 120/230 V)	> 20 ms (at 120/230 V)	> 20 ms (at 120/230 V)	> 20 ms (at 120/230 V)	> 20 ms (at 120/230 V)	> 20 ms (at 120/230 V)
Rated line frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Rated input current – Recommended miniature circuit breaker	0.28–0.18 A 10 A characteristic C 16 A characteristic B	0.63–0.31 A 10 A characteristic C 16 A characteristic B	0.63–0.31 A 10 A characteristic C 16 A characteristic B	1.33–0.67 A 10 A characteristic C 16 A characteristic B	1.6–0.75 A 10 A characteristic C 16 A characteristic B	1.6–0.75 A 10 A characteristic C 16 A characteristic B
Rated output voltage – Tolerance – Setting range	24 V DC ± 3 % –	24 V DC ± 3 % 22.2...26.4 V DC	12 V DC ± 3 % 10.5...12.9 V DC	24 V DC ± 3 % 22.2...26.4 V DC	24 V DC ± 3 % 22.2...26.4 V DC	12 V DC ± 3 % 10.5...12.9 V DC
Rated output current – Derating	0.6 A from +55 °C (3%/K)	1.3 A from +55 °C (3%/K)	2 A from +55 °C (3%/K)	2.5 A from +50 °C (3%/K)	4 A from +50 °C (3%/K)	6.5 A from +50 °C (3%/K)
Efficiency at rated values, approx.	82 %	86 %	82 %	89 %	88 %	85 %
No-load loss	< 0.5 W	< 0.75 W	< 0.5 W	< 0.75 W	< 0.75 W	< 0.75 W
Parallel switching	No	Yes	Yes	Yes	Yes	Yes
Electronic short-circuit protection	Yes, restart	Yes, restart	Yes, restart	Yes, restart	Yes, restart	Yes, restart
Radio interference suppression (EN 55022)	Class B	Class B	Class B	Class B	Class B	Class B
Supply harmonics limitation (EN 61000-3-2)	Not applicable	Not applicable	Not applicable	Not applicable	Yes	Yes
Degree of protection (EN 60529)	IP20	IP20	IP20	IP20	IP20	IP20
Ambient temperature	–20...+70 °C	–20...+70 °C	–20...+70 °C	–20...+70 °C	–20...+70 °C	–20...+70 °C
Dimensions (WxHxD) in mm	22.5 x 80 x 100	30 x 80 x 100	30 x 80 x 100	45 x 80 x 100	52.5 x 80 x 100	52.5 x 80 x 100
Weight approx.	0.12 kg	0.17 kg	0.17 kg	0.22 kg	0.32 kg	0.32 kg
Certification	CE, UL, CSA, ATEX	CE, UL, CSA, ATEX	CE, UL, CSA, ATEX	CE, UL, CSA, ATEX	CE, UL, CSA, ATEX	CE, UL, CSA, ATEX

Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)