

SITOP power dual 15 V The power supply of choice

The latest developments: SITOP power

SITOP power - the standard for the next generation of switch mode power supplies

Through worldwide experience and continuous innovation, SITOP power sets the standard for the future. Designed for global markets with different input voltages, SITOP power's advanced functions and compact size meets the needs of current and future applications. Models have been designed for harsh industrial and sensitive residential/commercial networks. SITOP power incorporates the right features for many different industries and market segments.

The need for both a +15 V and -15 V for the same power supply is essential for modern electronics such as sensors, lasers and operational amplifiers. The proven line of SITOP power has been expanded to accommodate this dual voltage output in industrial applications. This unit quickly installs onto standard DIN rail. The two floating 15 V outputs can be connected in parallel to double the available output current.

The SITOP power dual 15 V incorporates the same functional features such as electronic short circuit protection that are found in all other SITOP power supplies. Similarly, the outputs are electrically isolated from the inputs. This power supply was designed for quick installation by snapping onto DIN rail and easily accessible screw terminal blocks. Voltage drops due to long cable lengths on the secondary side can be compensated by adjusting the two, front-panel mounted potentiometers.



Technical specifications for SITOP power dual 15 V

Input data	Input voltage – rated value – Range – Frequency Mains buffering Rated input current Inrush current (+25 °C) Device protection Recommended primary side protection	120 – 230 V AC (wide-range) 93 ... 264 V AC 47 ... 63 Hz > 10 / 40 ms (at 120 / 187 V) 1.6 / 1.0 A < 30 A, < 3 ms T 4 A (internal) 10 A characteristic C (5SX2110-7), 16 A characteristic B (5SX2116-6)
Output data	Output voltage – rated value Range of adjustment Steady state voltage tolerance Residual ripple Rated output current Output current range Connectable in parallel Outputs no-load-proof and short-circuit-proof Efficiency Multi-function status indicator (on steady for OK, flashing for overload)	2 x 15 V DC 14.5 to 17 V < 3% < 150 mVpp 2 x 3.5 A up to 45 °C (max. 105 W) 2 x 2.5 A up to 60 °C (max. 75 W) 0 ... 3.5 A Yes Yes > 80% Green LED
RFI Specification	RI suppression (emission) Noise immunity	EN 50081-2, class A EN 50082-2, class A
Standards	Electrical isolation between primary and secondary circuits Protection class Degree of protection Certification	Yes (SELV to EN 60950) I (IEC 536/VDE 0106 Part 1) IP 20 CE
General data	Ambient temperature Storage and transport temperature Connections Assembly Dimensions W x H x D mm (in) Approx. weight kg (lbs)	0 ... +60 °C (derating above 45 °C) -40 ... +70 °C Screw terminals Can be snapped onto standard mounting rail DIN EN 50022-35 x 15 75 x 125 x 125 (2.95 x 4.92 x 4.92) 0.8 (1.8)
Ordering data	Order No.	6EP1353-0AA00

http://www.ad.siemens.de/sitop/index_76.shtml

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