



OVERVIEW

The new Series SX range of Switch-Mode Regulated DC Power Supply Units are designed using state of the art techniques in power switching, providing excellent voltage regulation, high efficiency and low power dissipation, also offered in a wide range of output voltages and power ratings, these power supplies are available in sleek and attractive enclosures in compact and rugged execution. These power supplies incorporate the latest current mode PWM controllers, UFR diodes, MOSFETs and ferrite-core transformers for providing efficient power control and reliable field performance.

The Series SX SMPS units are designed for continuous full load operation in tough industrial environments, while ensuring the protection of the powered equipment by providing galvanic isolation between input and output, besides complete RFI and EMI filtering. Additional protection such as CVCC logic for overload protection, thermal shut-down, electronic switching for short circuit protection and forced cooling are also provided as standard features.

The power supplies are offered in standard DIN Rail or wall-mount execution in compact and rugged enclosures.



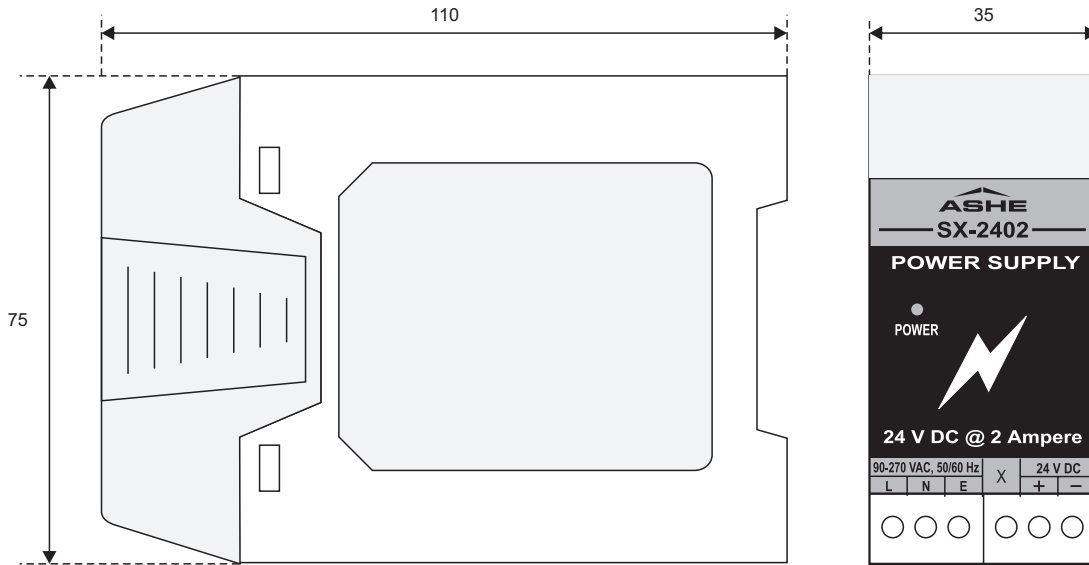
SPECIFICATIONS

Model	ASHE SX-2402. ASHE SX-2405.
Type	Switch-mode DC Regulated Power Supply.
Input Voltage (AC)	90 to 270 VAC. 50/60 Hz
Output Voltage	24 V DC regulated.
Indication	Power ON LED.
Load Current	2.4 Ampere (continuous).
Peak Load Current	Up to 40% of rated load current.
Load Regulation	±1%.
Line Regulation	±1%.
Isolation Type	Galvanic (upto 3 kV).
Ripple & Noise	< 1%.
Short Circuit Protection	Electronic CVCC control.
Dimensions	75 x 35 x 110 mm [H x W x D].
Execution	DIN-Rail / Wall mounting.
Enclosure	Industrial Grade ABS
Weight	Approx. 0.3 Kg.
Operating Temperature	0 to 55°C.

FEATURES

- Load Rating of 2.4 Ampere (continuous)
- Reliable Current-Mode PWM power control
- Universal AC Power Supply
- High output load regulation
- Low heat dissipation
- RFI and EMI filters provided
- Compact and rugged enclosure
- Suitable for Rack/DIN Rail /Wall mounting
- Protection from line frequency fluctuations
- Overload protection using CVCC logic
- Short-Circuit protection by electronic switching
- Thermal over-shoot protection
- Galvanic isolation upto 3 kV
- Inrush current protection
- High efficiency, high reliability
- High Noise immunity, low ripple
- Proven record of several thousand installations

DIMENSIONAL DIAGRAM



How To ORDER

SWITCH MODE DC POWER SUPPLY	SX-240		
Configuration and add-on options			
1 LOAD CURRENT			
▶ 2 Ampere		2	
▶ 5 Ampere		5	
2 EXECUTION			
▶ DIN Rail / Wall Mounting			D
▶ Field mounting in Weather-proof execution (Polycarbonate enclosure, Ingress protection)			W

OUR OTHER PRODUCTS



FLOW TOTALIZER



SIGNAL ISOLATORS & TRANSDUCERS



TEMPERATURE SCANNER



FLAMEPROOF INSTRUMENTS



STATIC POWER SWITCHES



Designed and Manufactured by :

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