

Switched Mode Power Supply

- Excellent Load & Line Regulation
- High Noise Immunity & Low Ripple
- No Load Power Consumption of less than 0.5W
- Overload & Short Circuit Protection
- High Efficiency of Operation
- Suitable for Temperatures upto 55°C
- Small Form Factor
- Peak Power Capacity



Cat. No.		24AS244D6D	24AS126D6D
Parameters			
Supply Voltage (⎓)		230 VAC	
Supply Variation		-30% to +15%	
Frequency		50 Hz	
Power Consumption @ No Load		0.5W Max. @ 230 VAC	
AC Current		0.8A / 230 VAC	0.62A / 230 VAC
Efficiency		> 85%	> 80%
Inrush Current		Cold Start 50A / 230 VAC	
Leakage Current		< 0.2μA / 230 VAC	
Output	Voltage	24 VDC	12 VDC
	Rated Current	4A	6A
	Current Range	0 - 4A	0 - 6A
	Rated Power	96W	72W
	Output Voltage Accuracy	± 1%	
	Line Regulation	1%	
	Load Regulation	1%	
	Ripple & Noise	150 mV (P-P)	100 mV (P-P)
	Over Voltage Protection	26V ~ 33 V	13V ~ 16 V
	Over Load Capacity	168% of rated output (Max. 10s)	130% of rated output (Max. 10s)
Continuous Open Circuit		Normal Operation	
Over Current Protection		Voltage Drop	
Continuous Short Circuit Protection		Auto Recovery after fault condition is removed	
Start Up Time		3s Max. (At minimum input voltage and rated load)	
Hold Up Time		30ms Min. (At minimum input voltage and rated load)	
Withstand Voltage		Input to Output 3 KV AC for 1 Minute, 5 mA	
LED Indications		Green LED: Output ON	
Operating Temperature		-10°C to + 55°C	
Storage Temperature		-25°C to + 85°C	
Enclosure		Flame Retardant UL94-V0	
Dimension (W x H x D) (in mm)		105 X 90 X 58	
Weight (unpacked)		350 g	
Mounting		Base / DIN Rail	
Certification		 	
EMI / EMC			
Harmonic Current Emissions		IEC 61000-3-2	Ed. 3.0 (2005-11) Class A
ESD		IEC 61000-4-2	Ed. 1.2 (2001-04) Level II
Radiated Susceptibility		IEC 61000-4-3	Ed. 3.0 (2006-02) Level III
Electrical Fast Transients		IEC 61000-4-4	Ed. 2.0 (2004-07) Level IV
Surges		IEC 61000-4-5	Ed. 2.0 (2005-11) Level IV
Conducted Susceptibility		IEC 61000-4-6	Ed. 2.2 (2006-05) Level III
Voltage Dips & Interruptions (AC)		IEC 61000-4-11	Ed. 2.0 (2004-03) All 7 Levels
Conducted Emission		CISPR 14-1	Ed. 5.0 (2005-11) Class A
Radiated Emission		CISPR 14-1	Ed. 5.0 (2005-11) Class A

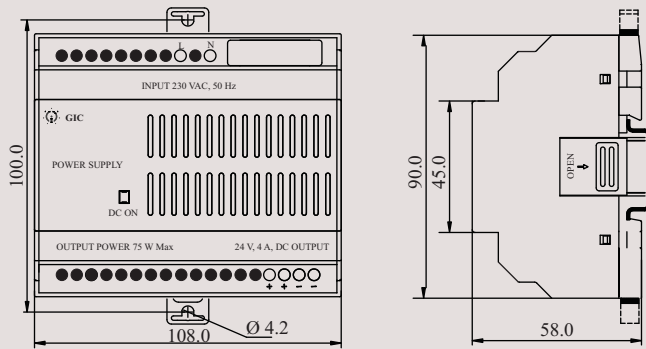
ORDERING INFORMATION

Cat. No.	Description	
24AS244D6D	230V AC, 24 VDC / 4A, Switched Mode Power Supply	Codigo NDU : 610924040GI
24AS126D6D	230V AC, 12 VDC / 6A, Switched Mode Power Supply	Codigo NDU : 610912060GI
24BS241D2F	110 - 240 VAC, 24 VDC / 1A, Switched Mode Power Supply	Codigo NDU : 610924010GI
24BS24AD4E	110 - 240 VAC, 24 VDC / 2.5A, Switched Mode Power Supply	Codigo NDU : 610924025GI
24BS24BD1F	110 - 240 VAC, 24 VDC / 0.5A, Switched Mode Power Supply	Codigo NDU : 610924005GI
24BS051D1F	110 - 240 VAC, 5 VDC / 1.0A, Switched Mode Power Supply	Codigo NDU : 610905010GI

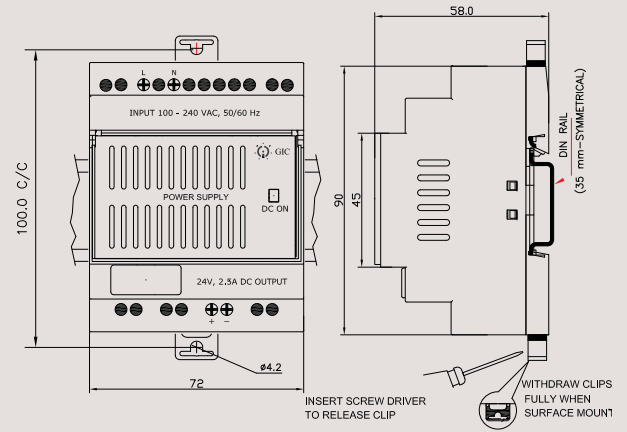
Switched Mode Power Supply



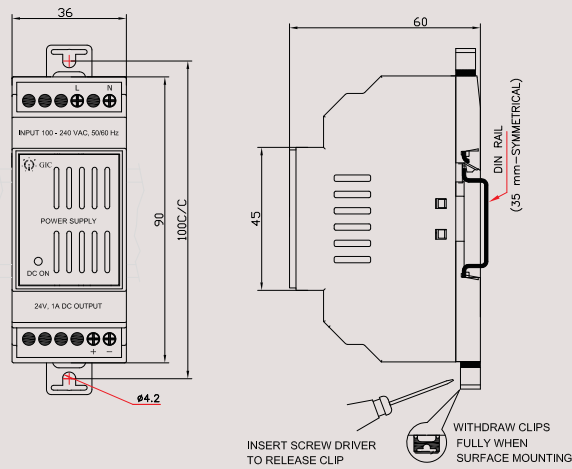
MOUNTING DIMENSIONS (mm)



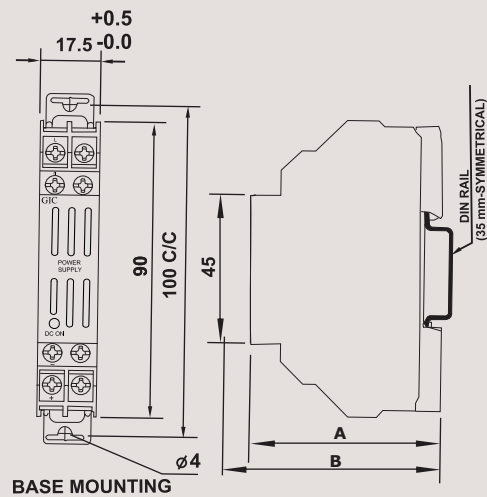
24AS244D6D, 24AS126D6D



24BS24AD4E

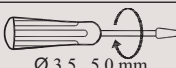


24BS241D2F



24BS24BD1F, 24BS051D1F

TERMINAL TORQUE & CAPACITY

 Ø 3.5...5.0 mm	Torque - 1.1 N.m (10 Lb.in) Terminal screw - M3.5
	Solid Wire - 2 X 0.2...2.5 mm ²
AWG	1 X 24 to 10