



Features:

- * PCB Mount Encapsulated Switching Power Supply
- * Universal AC Input
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage	Universal (90-264 VAC)
Input Frequency	47-63Hz
Inrush Current	32.5A Max
Input Current	0.33A @ 115 VAC / 0.16A @ 230 VAC Max
Hold-Up Time	20ms typc @ 115 & 120ms @ 230 VAC / Full Load
Input Protection	External Fuse (1A / 250 VAC)

General

Efficiency	73-75% Typ.
Switching Frequency	83KHz
Operating Temperature	-10 to +50°C Full Load, de-rate 2.5% per °C up to +71°C
Storage Temperature	-20°C to +85°C
Cooling	Convection Cooled
Temp Co-Efficient	0.04% per °C
Topology	Fixed frequency flyback circuit

Output

Minimum Load	Multi Output Models, 20% ov V1 only
Line Regulation	Singles = 0.1% typ. Duals = 0.5% typ.
Load Regulation	Singles = ± 1% typ. Duals = ± 2% typ..
Ripple & Noise	1% typ. pk-pk @ 20MHz
Overload Protection	Power Foldback, auto-recovery
OverVoltage Protection	Latch (V1 Only)
Adjustment	Fixed
Transient Response	voltage returns < 3mS following a 50% load change

EMC & Safety

Emissions EN55022 "B", FCC Class B

Safety Approvals UL/cUL60950-1
EN60950-1
CE Mark (LVD)



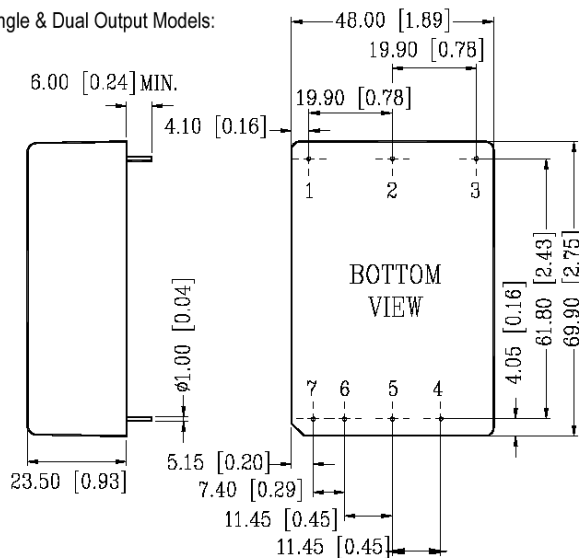
Model Number

Output

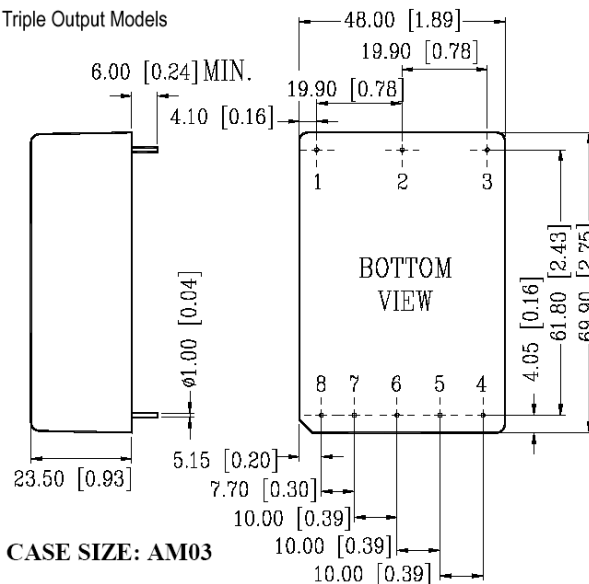
APS16AM-S-030370	3.3V @ 3.70A		
APS16AM-S-050300	5.0V @ 3.00A		
APS16AM-S-090170	9.0V @ 1.70A		
APS16AM-S-120135	12.0V @ 1.35A		
APS16AM-S-150110	15.0V @ 1.10A		
APS16AM-S-240070	24.0V @ 0.70A		
APS16AM-S-480035	48.0V @ 0.35A		
APS16AM-D-033180	+3.3V @ 1.80A	-3.3V @ 1.80A	
APS16AM-D-050150	+5.0V @ 1.50A	-5V @ 1.50	
APS16AM-D-120068	+12V @ 0.68A	-12V @ 0.68A	
APS16AM-D-150055	+15V @ 0.55A	-15V @ 0.55A	
APS16AM-T-5/09	+5V @ 2A	+9V @ 0.40A	-9V @ 0.40A
APS16AM-T-5/12	+5V @ 2A	+12V @ 0.30A	-12V @ 0.30A
APS16AM-T-5/15	+5V @ 2A	+15V @ 0.24A	-15V @ 0.24A
APS16AM-T-5/24	+5V @ 2A	+24V @ 0.16A	-24V @ 0.16A
APS16AM-T-3/05	+3.3V @ 2A+5V @ 0.75A	-5V @ 0.75A	
APS16AM-T-3/12	+3.3V @ 2A+12V @ 0.30A	-12V @ 0.30A	
APS16AM-T-3/15	+3.3V @ 2A+15V @ 0.24A	-15V @ 0.24A	
APS16AM-T-3/5,12	+3.3V @ 2A+5V @ 0.75A	-12V @ 0.30A	
APS16AM-T-3/24	+3.3V @ 2A+24V @ 0.16A	-24V @ 0.16A	

Mechanical Details

Single & Dual Output Models:



Triple Output Models



CASE SIZE: AM03

Notes

WEIGHT: 145g (5.11Oz.)

PIN ASSIGNMENT

PIN NO	SINGLE	DUAL	TRIPLE
PIN #1.	AC-GROUND	AC-GROUND	AC-GROUND
PIN #2.	AC-NEUTRAL	AC-NEUTRAL	AC-NEUTRAL
PIN #3.	AC-LINE	AC-LINE	AC-LINE
PIN #4	+ VO1	+ VO1	-VO3
PIN #5.	NC	DC-COM	+VO1
PIN #6.	DC-COM	- VO2	DC-COM
PIN #7	Remote On/Off	Remote On/Off	-VO2
PIN #8	-	-	Remote On/Off