

## 45 WATT SINGLE OUTPUT

### 45 Watt Single Output

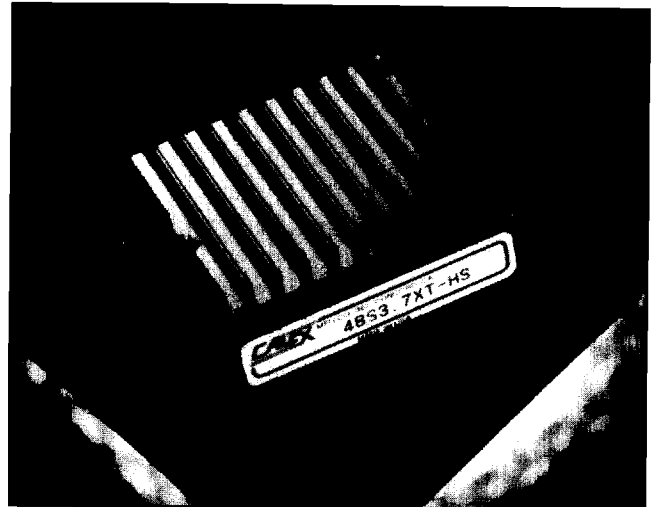
- Fully Shielded/Filtered Design
- Very Low and Specified Reflected Ripple Current
- Low I/O Capacitance, 500pF Typical
- Water Washable Shielded Copper Case

These single output converters are designed for ultra wide input range low noise telecommunications, industrial, and instrument applications. The very wide input range (4:1) is ideal for battery or unregulated input applications while the low noise complements even the most sensitive analog circuitry.

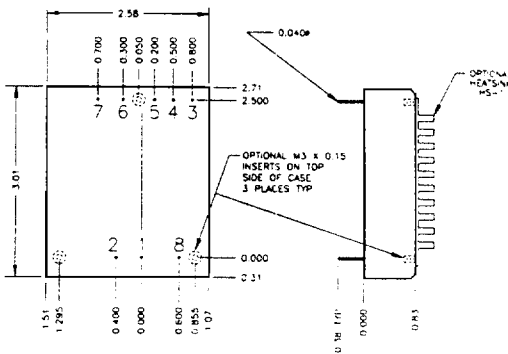
These converters are state of the art 220Hz MOSFET based designs that provide outstanding line and load regulation and efficiencies exceeding 80%.

Remote output voltage sense, output voltage trim and ON/OFF functions are also included.

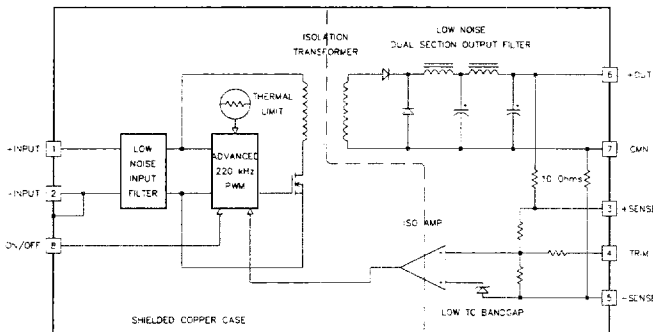
The converters are protected from output shorts to common by a high speed pulse by pulse digital current limit circuit and a self resetting thermal overload protection circuit.



### XC CASE: 45 Watt Single XT



45 Watt XT Single Series Block Diagram



### 45 Watt Single Output XC Case

INPUT VOLTAGE RANGE VDC MIN/MAX	OUTPUT VOLTAGE VDC	OUTPUT CURRENT AMPS	MODEL NUMBER
9/18	3.33	6.0	24S3.6XT
	5.0	7.0	24S5.7XT
	12.0	3.75	24S12.4XT
	15.0	3.0	24S15.3XT
20/72	3.33	7.0	48S3.7XT
	5.0	8.0	48S5.8XT
	12.0	3.75	48S12.4XT
	15.0	3	48S15.3XT

#### MOUNTING OPTIONS

M59	Chassis Mounting Kit
-1 Suffix on Part Number	Inserts in Case
HS-1 (-1 Required)	Heat Sink Option

LINE REGULATION TYPICAL	0.1%
LOAD REGULATION TYPICAL	0.01%
NOISE TYPICAL	50mV P-P
ISOLATION	700VDC
CASE OPERATING TEMPERATURE	-25°C to +85°C
FIVE-SIDED SHIELDED COPPER CASE Water washable	

Pin	45 Watt Single		
1	+INPUT	5	-SENSE
2	-INPUT	6	+OUTPUT
3	+SENSE	7	CMN
4	TRIM	8	ON/OFF

Full data sheets available on request