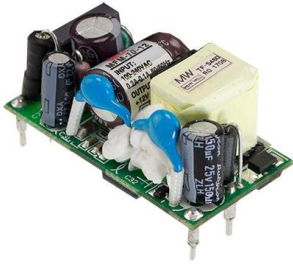


# POWERSUPPLIES

## MFM-10, Switching powersupply, 10W



- Medical approved IEC/EN60601-1, ANSI/AAMI ES60601-1
- Isolation level 2 x MOPP and leakage current below  $<80\mu\text{A}$
- No load power consumption  $<0.075\text{W}$
- 3 years warranty

### Technical data:

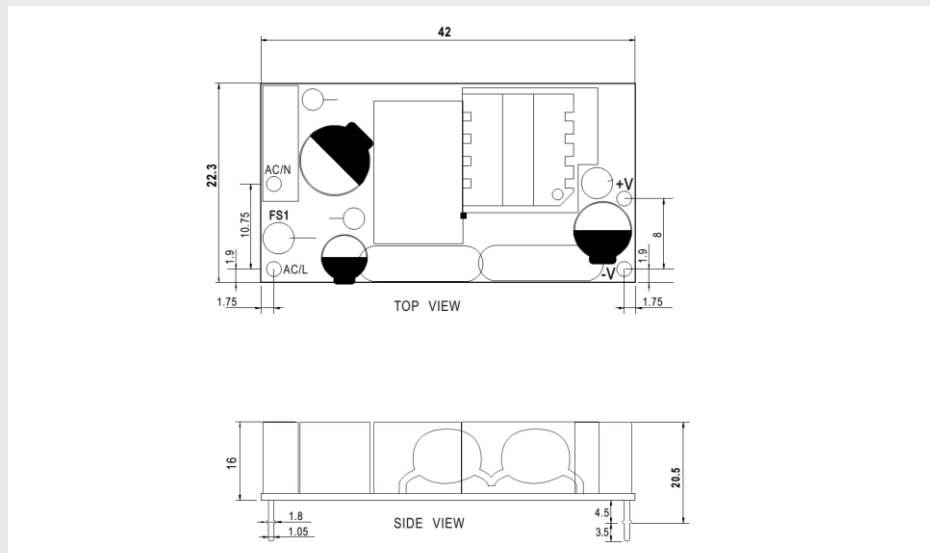
#### Input:

Input voltage:	100-264VAC ( $<100\text{VAC}$ with derating)
Frequency:	47-440 Hz
Input current at 230VAC:	0.2A
Inrush current at 230VAC:	45A

#### Output:

Output voltage:	See below table
Output current:	See below table
Overload protection:	110-180% hiccup mode, auto-recovery
Over voltage protection:	105-135% of rated output voltage
Line regulation:	$\pm 0.3\%$
Load regulation:	$\pm 0.5\%$
Ripple & noise:	100-200mVp-p depends of model
Efficiency:	78-84% depends of model
Temperature range:	$-30^{\circ}\text{C} \dots +50^{\circ}\text{C}$ @ 100%, $+70^{\circ}\text{C}$ @ 50%, $+85^{\circ}\text{C}$ @ 20%
MTBF:	1756.2 Khrs
Connection:	PCB mounting
Size:	42x22.3x20.5mm
Weight:	18g
Safety and EMC:	UL/TÜV/CE/CB

### Mechanical drawing:



### Ordering information:

Type	Power	Output voltage	Output current
MFM-10-3.3	8.3 W / 9 W peak 10S	3.3 VDC	2.5 A
MFM-10-5	10 W / 11 W peak 10S	5.0 VDC	2.0 A
MFM-10-12	10.2 W / 11.3 W peak 10S	12 VDC	0.85 A
MFM-10-15	10 W / 11.1 W peak 10S	15 VDC	0.67 A
MFM-10-24	10 W / 11 W peak 10S	24 VDC	0.42 A