

Product Specification



Project Designation

rev1.00

model: FDM-1501DC

- Features
- DMX controlled DC dimmer module for LED.
 - Supports LED lamps with supply voltage from DC7V thru DC24V.
 - Contains 1 circuit, max 15A (12V/180W, 24V/360W) LED loads.
 - Dimming curve suitable for LED lamps, operation by 16bit PWM control.
 - Interpolation between DMX commands for smooth dimming.
 - LED indicators as system monitor and output monitor. (Monitoring available even with no load.)

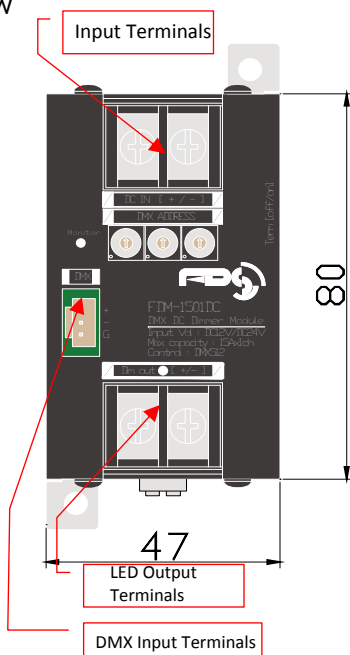
Major Specs

Term I	Term II	spec	note
model number	-	FDM-1501DC	
power	input power	DC7V thru DC24V	Requires DC power supply meeting LED spec.
	output power	DC7V thru DC24V	
	max. load capacity	15A	
control	control method	DMX512	Address set by dip switch
	dimming type	PWM	positive side common load
	# of channels	1 channel	
connectors	input power	M4 screw, 2-pins	
	dimmer output	M4 screw, 2-pins	
	DMX signal in/out	original connector attached, 3-pins	
	monitor LED	system x1, output x1	
operate condition	peripheral temp.	0 - 45 deg(C)	
	peripheral humidity	45 - 80% (no condensation)	
size & weight	dimensions	H80xW47xD81.5	
	weight	350g	
misc	function I	Dimming curve suitable for LED	
	function II	DMX line termination	

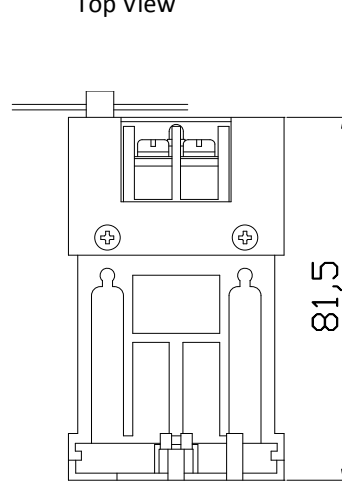
Note:

- metal fittings (for DIN rail mount)
- Be cautious about polarity of power line and LED loads. Misconnection may cause permanent damage to DC power supply and this product. As no protection circuit inside, place proper protection circuit externally as needed.

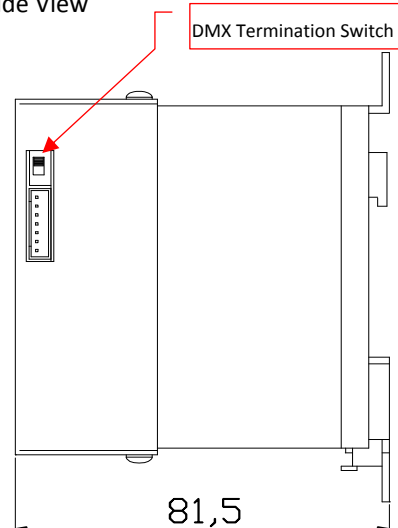
Front View



Top View



Side View



System Diagram

