

LED Drivers Constant Voltage

LT-DMX series DMX Dimmable Constant Voltage LED Drivers



Features

- Class 2 Power supply Constant Voltage dimmable
- DMX512/RDM protocol
- Single and Multi-channel types
- Covered Screw terminal connection
- Fully encapsulated to IP20
- High efficiency
- Short circuit / Over Temp / Overload protection
- Compliant with Safety Extra Low Voltage standard.

To support our extensive range of LED products we offer a comprehensive range of DMX LED drivers designed specifically for lighting applications. The LT-DMX constant voltage series facilitate flexible connection via covered screw terminals

Specifications

Part No.	Dimming Interface	Output	Dimming	AC Input Voltage	PFC	Efficiency	Output Voltage	Output Power
DMX-36-12-F1P1 <i>Economic type</i>	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM	PWM	0%-100% Dimming Depth:0.1% 0%-100%	100-240V ±10%	>0.5	>85%	12V	0-3A
DMX-36-24-F1P1 <i>Economic type</i>	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.5	>85%	24V	0-1.5A
DMX-36-12-F1D1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>85%	12V	0-3A
DMX-36-24-F1D1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>85%	24V	0-1.5A
DMX-75-12-V1P1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>0.96	12V	6.25A
DMX-75-24-V1P1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>0.96	24V	0-3.12A
DMX-75-12-F1M1	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>85%	12V	0-6.25A
DMX-75-24-F1M1	3 in 1 DMX512 RDM (bi-direction communicate)				>0.99	>87%	24V	0-3.12A

Notes:

This data is for selection reference only. Please check the full data sheet for the latest specifications
Specifications may be subject to change without notice

Part No.	Dimming Interface	Output	Dimming	AC Input Voltage	PFC	Efficiency	Output Voltage	Output Power
DMX-150-12-F1M1 1 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM	PWM	0%-100% Dimming Depth:0.1% 0%-100%	100-240V ±10%	>0.99	>91%	12V	0-12.5A
DMX-150-24-F1M1 1Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>93%	24V	0-6.25A
DMX-150-12-F2M1 2 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>91%	12V	0-6.25A x 2CH
DMX-150-12-F2M1 2 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>92%	24V	0-3.12A x 2CH
DMX-150-12-F3M1 3 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>91%	12V	0-4.16A x 3CH
DMX-150-24F3M1 3 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>92%	24V	0-2.08A x 3CH
DMX-150-12-F4M1 4 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>91%	12V	0-3.12A x 4CH
DMX-150-24-F4M1 4 Channel	3 in 1 DMX512 RDM (bi-direction communicate) PUSH DIM				>0.99	>92%	24V	0-1.56A x 4CH

Safety & EMC

Withstand Voltage: I/P-O/P: 3750Vac I/P-GND: 1800Vac

Isolation Resistance: I/P-O/P: 100MΩ/500VDC/25°C/70%RH

Safety Standards: IEC/EN61347-1, IEC/EN61347-2-13

EMC Emission: EN55015, EN61000-3-2 Class C, IEC61000-3-3

EMC Immunity: EN61000-4-2,3,4,5,6,8,11, EN61547

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