

## E10 Series



Max DC 1500V



TUVPPP/UL4128



-40°C~125°C



UL94-V0



IP 68



UV Resistance



## Product Overview 产品简介:

Male Black(MB)



Male Orange(MO)



Male Black(MB)



Female Black(FB)



Female Orange(FO)



Female Black(FB)



The LD-ES10 Series is a field installable, highly reliable alternative to common compression lugs. Using industry standard crimp, screw, and busbar termination options, thus eliminating the need to purchase special torque tools. LEADER LD-ES10 is an environmentally sealed version of our original ES10 but available in smaller sizes, and features a quick lock and press-to-release design. LD-ES10 is a compact, quick mating, and robust product line. The LD-ES10 high amperage contact technology utilizes high tensile strength properties of a stamped and formed, high conductivity alloy grid to produce low insertion forces while maintaining a large conductive surface area. The V6 version of the LD-ES10 represents the culmination of three years of research and development in laser welding copper based alloys.

## Technical Data 技术参数:

Rated Voltage 额定电压	Max DC 1500V
Certified & Qualified 执行标准	TUV PPP51090A / UL4128
Rated Current 额定电流	300A(70mm <sup>2</sup> );350A(95mm <sup>2</sup> )
Ambient Temp 工作温度	-40°C up to +125°C
Contact Resistance 接触电阻	≤0.2mΩ
IP 防水等级	IP68
Fire Resistance 防火等级	UL94-V0
Materials 材质	Copper Alloy/PA66
Safety Lock System 安全锁	Double Protective Lock System



**Order Data 订货信息:**



橙色板端公头 LD-ES10-MO  
LD-ES10 Male Connector:Orange



黑色板端公头 LD-ES10-MB  
LD-ES10 Male Connector:Black

Male Type 公头型号	Voltage/Current	Terminal Type 端子类型	Color 本体颜色	REMARK
LD-ES10-MO-B	1500V,300A	Busbar	Orange	
LD-ES10-MB-B			Black	
LD-ES10-MO-T		Threaded Post	Orange	
LD-ES10-MB-T			Black	
LD-ES10-MO-70	1500V,300A	Crimp for 70mm <sup>2</sup> / (2/0) AWG Copper Cable	Orange	
LD-ES10-MB-70			Black	
LD-ES10-MO-95	1500V,350A	Crimp for 95mm <sup>2</sup> / (3/0) AWG Copper Cable	Orange	
LD-ES10-MB-95			Black	



橙色线端 L 母头 LD-ES10-FLO  
LD-ES10 Female L-Connector:Orange



黑色线端 L 母头 LD-ES10-FLB  
LD-ES10 Female L-Connector:Black

Female Type 母头型号	Voltage/Current	Terminal Type 端子类型	Cable Spec	Color	Remark
LD-ES10-FLO-70	1500V,300A	Crimp for 70mm <sup>2</sup> / (2/0) AWG Copper Cable	70mm <sup>2</sup> / 2/0 AWG	Orange	
LD-ES10-FLB-70				Black	
LD-ES10-FLO-95	1500V,350A	Crimp for 95mm <sup>2</sup> / (3/0) AWG Copper Cable	95mm <sup>2</sup> / 3/0 AWG	Orange	
LD-ES10-FLB-95				Black	



橙色线端直母头 LD-ES10-FIO  
LD-ES10 Female I-Connector:Orange



黑色线端直母头 LD-ES10-FIB  
LD-ES10 Female I-Connector:Black

Female Type 母头型号	Voltage/Current	Terminal Type 端子类型	Cable Spec	Color	Remark
LD-ES10-FIO-70	1500V,300A	Crimp for 70mm <sup>2</sup> / (2/0) AWG Copper Cable	70mm <sup>2</sup> / 2/0 AWG	Orange	
LD-ES10-FIB-70				Black	
LD-ES10-FIO-95	1500V,350A	Crimp for 95mm <sup>2</sup> / (3/0) AWG Copper Cable	95mm <sup>2</sup> / 3/0 AWG	Orange	
LD-ES10-FIB-95				Black	

