

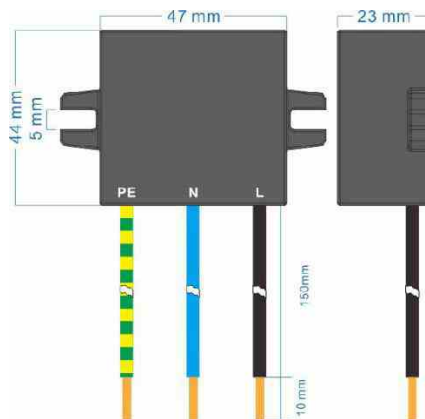
DC Surge protective device for LED light

Model No.: FLP03-24-P/G

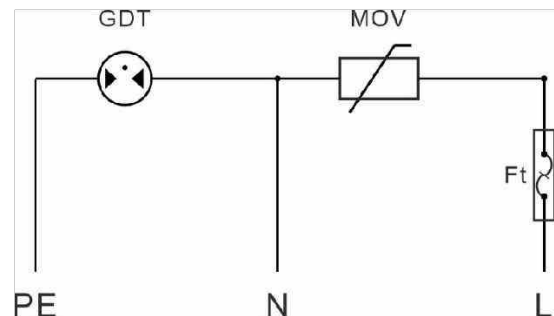


- New designed series connected surge protection module, for LED light.
- specifically for outdoor and commercial LED lighting applications, LED signage and traffic light manufacturers, including roadway lighting, parking garage lighting, wash wall lighting, traffic lighting, flood lighting, digital signage, street lightning, and tunneal lighting.
- I_{max} 6kA lightning surge protection.
- With Metal oxide varistor (MOV) thermal protection.
- Water proof IP66.

1. Dimension



2. Circuit



3. Electrical parameters

Model No.		FLP03-24-P/G
SPD protection conforms to EN 61643-11		Type2+3
SPD installation type conforms to EN 61643-1		ClassII+III
Protection level conforms to DIN VED 0575-6		C+D
Type of Network		LED street light
Protection mode		L-N,N-PE,L-PE
Nominal Voltage 50(60)Hz U_n		24V~
Maximum continuous operating voltage U_c		42V~
Maximum discharge current (8/20 μ s) I_{max}		6kA
Nominal discharge current (8/20 μ s) I_n		3kA
Voltage protective level U_{pi}	L-N	$\leq 0.4kV$
	N-PE	$\leq 0.5kV$
	L-PE	$\leq 0.5kV$
Open circuit voltage U_{oc}		6kV
Response time t_A	L-N	$\leq 25ns$
	N-PE	$\leq 100ns$
Recommended back-up fuse		16AgL/gG
Thermal Cut-off Temperature		150 °C
Disconnection indicator		Without
Wire length		150MM
Degree of protection		IP66
Housing material		UL94V-0
Ambient temperature		-40 °C ~ +80 °C
Altitude		$\leq 2000m$ (amsl (above mean sea level))
Permissible humidity		30%~90%

4. Installation

