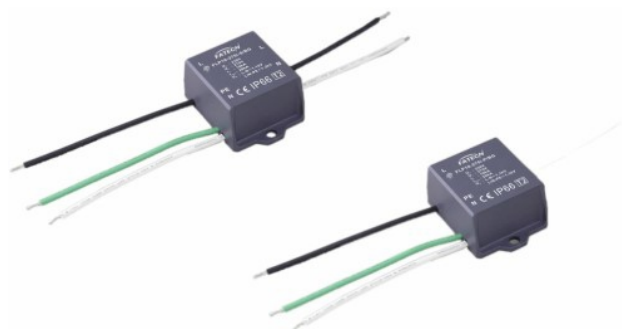
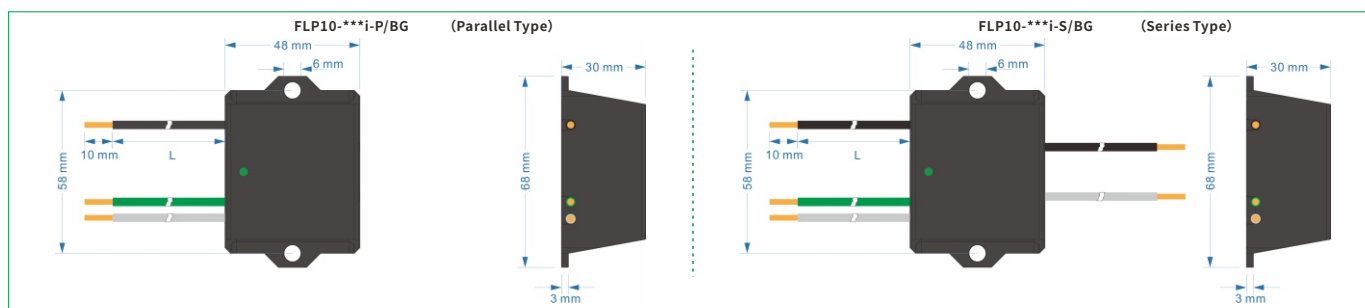


FLP10-***i-*/BG



- ◆ New designed surge protection module for LED street light with LED failure indicator.
- ◆ 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} 20kA lightning surge protection.
- ◆ Metal oxide varistor (MOV) thermal protection.
- ◆ Water proof IP64.



Model No.	FLP10-150i-P/BG FLP10-150i-S/BG	FLP10-275i-P/BG FLP10-275i-S/BG	FLP10-320i-P/BG FLP10-320i-S/BG	FLP10-385i-P/BG FLP10-385i-S/BG
Test class IEC/EN/VDE	Class II+III/C+D/ $\overline{T2}$ $\overline{T3}$			
Type of Network	LED street light			
Nominal voltage 50(60)Hz U _N	120V~	230V~	230V~	380V~
Rated Voltage (Max. Cont. Operating Voltage) U _c	150V~	275V~	320V~	385V~
Max. discharge current (8/20μs) I _{max}	20kA			
Nominal discharge current (8/20μs) I _n	10kA			
Voltage protective level U _p	L-N	≤0.8kV	≤1.1kV	≤1.3kV
	N-PE	≤1.0kV	≤1.3kV	≤1.5kV
Open circuit voltage U _{oc}	20kV			
Response time t _a	L-N: ≤25ns, L/N-PE ≤100ns			
Recommended back-up fuse	63A			
Thermal Cut-off Member	Internal			
Protection Mode	L - N , N - PE , L - PE			
Operation temperature range / altitude	-40°C~+80°C / 3000m			
Degree of protection	IP66			
Housing material	UL94 V-0			