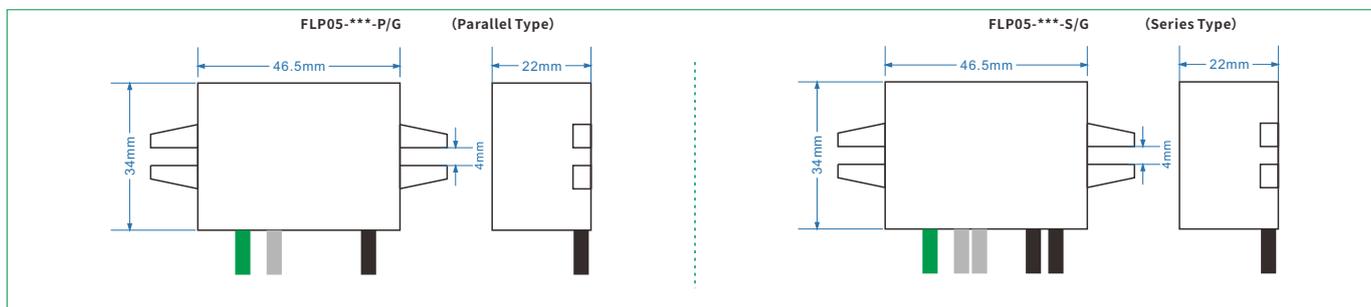


FLP05-***-***/G



- ◆ New designed LED series connected surge protection module for lighting, without 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} 6kA lightning surge protection.
- ◆ Metal oxide varistor (MOV) thermal protection.
- ◆ Parallel connected and series connected SPD options.
- ◆ Waterproof IP66.



Model No.	FLP05-150-P/G FLP05-150-S/G	FLP05-275-P/G FLP05-275-S/G	FLP05-320-P/G FLP05-320-S/G	FLP05-385-P/G FLP05-385-S/G	
Test class IEC/EN/VDE	Class II+III/C+D/ T_2 T_3				
Type of Network	LED street light				
Nominal voltage 50(60)Hz U _n	120V~	230V~	230V~	380~	
Rated Voltage (Max. Cont. Operating Voltage) U _c	150V~	275V~	320V~	385V~	
Max. discharge current (8/20μs) I _{max}	10kA				
Nominal discharge current (8/20μs) I _n	5kA				
Voltage protective level U _p	L-N	≤1.1kV	≤1.3kV	≤1.5kV	≤1.8kV
	N-PE	≤0.6kV	≤0.8kV	≤1.0kV	≤1.2kV
	L-PE	≤1.3kV	≤1.5kV	≤1.7kV	≤2.0kV
Open circuit voltage U _{oc}	10kV				
Response time t _a	L-N: ≤25ns, N-PE ≤100ns				
Recommended back-up fuse	16A				
Thermal Cut-off Member	NO				
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				