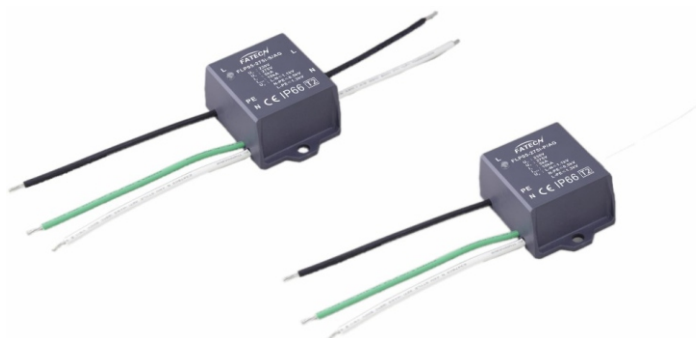
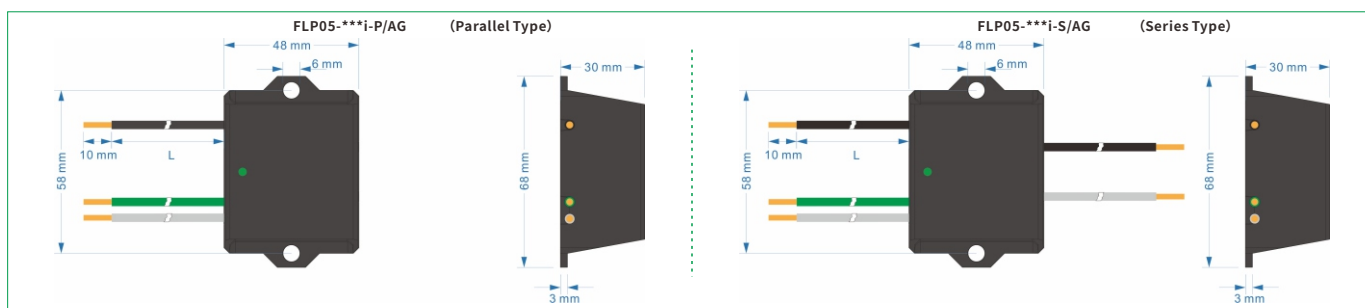


## FLP05-\*\*\*i-\*/AG



- ◆ 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<sub>max</sub> 10kA lightning surge protection.
- ◆ Metal oxide varistor (MOV) thermal protection.
- ◆ Water proof IP64.



Model No.	FLP05-150i-P/AG FLP05-150i-S/AG	FLP05-275i-P/AG FLP05-275i-S/AG	FLP05-320i-P/AG FLP05-320i-S/AG	FLP05-385i-P/AG FLP05-385i-S/AG	
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 <sub>N</sub>	120V~	230V~	230V~	380V~	
Rated Voltage (Max. Cont. Operating Voltage) U <sub>c</sub>	150V~	275V~	320V~	385V~	
Max. discharge current (8/20μs) I <sub>max</sub>	10kA				
Nominal discharge current (8/20μs) I <sub>n</sub>	5kA				
Voltage protection level U <sub>p</sub>	L-N	≤0.8kV	≤1.1kV	≤1.3kV	≤1.5kV
	N-PE	≤0.5kV	≤0.5kV	≤0.6kV	≤1.0kV
	L-PE	≤1.0kV	≤1.3kV	≤1.5kV	≤1.7kV
Open circuit voltage U <sub>oc</sub>	10kV				
Response time t <sub>a</sub>	L-N: ≤25ns, N-PE ≤100ns				
Recommended back-up fuse	16A				
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				