

AI-50KASPD

Features

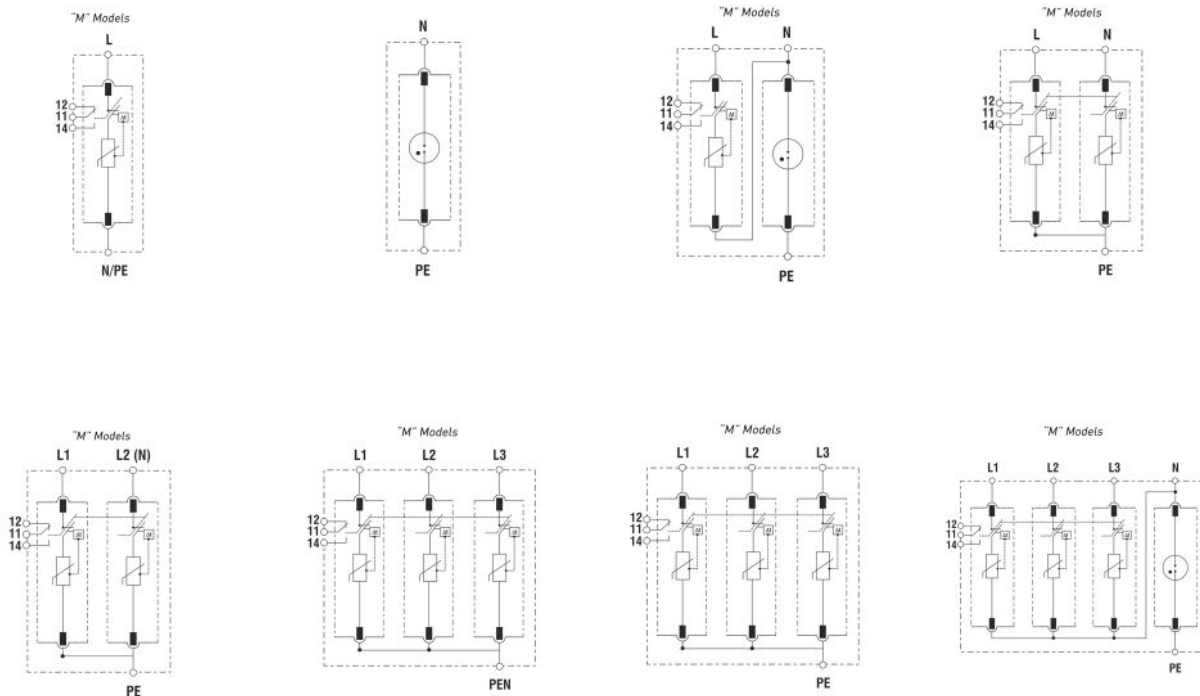
AC Surge SPD- Class I+II 50kV



- ▶ TUV certified class I+ class II SPD per IEC/EN 61643-11 standard.
- ▶ Prewired 1+1" circuit for use in 1-phase 220~380Vac 50~60Hz
- ▶ Lightning current capacity limp 50kA10/350
- ▶ Compact size, 36mm width
- ▶ Degradation failure indication and optional remote signal contact.
- ▶ Design consists of a basic Line-Neutral protection configuration
- ▶ 35mm DIN-rail mounting
- ▶ IEC 61643-11:2011, IEC 61643-11:2012, IEC 62305-4

INTRODUCTION

Acumen Technologies' AI-50KASPD series AC Power Line is class I & class II combined (Type 1+2 or Class B+C) and 2 poles pre-wired SPD designed for low-voltage power system lightning current & surge protection, especially for location of high risk exposure building entrances (IEC 62305-4) to against the damage from direct or close lightning strikes.



SPECIFICATIONS

	Specifications
Category IEC/EU/VDE	I+ II /1+2/ B+C
Nominal working voltage (Un)	50~60Hz 220~380V, 230~440V
Max. continuous operating voltage (Uc)	385V
Nominal surge current (8/20μs) In	50kA
Maximum surge current (8/20μs) Imax	80kA
Voltage protection level L-N (Up)	< 1.3kV
Response time tA	≤25 ns
Protection model	L1/L2/L3/N-PE
Dimension	90 (H)×144 (W)×68(L)mm
Weight per unit	500g
Mounting	≥ 10mm ²
IP code	IP20
Working conditions	Temperature: -40 to 80°C, Relative humidity: ≤95%
Enclosure material	thermoplastic; extinguishing degree UL94 V-0
Approvals, Certifications	FCC, CE, ROHS

DIMENSION

