

AI-PC40-385

Features

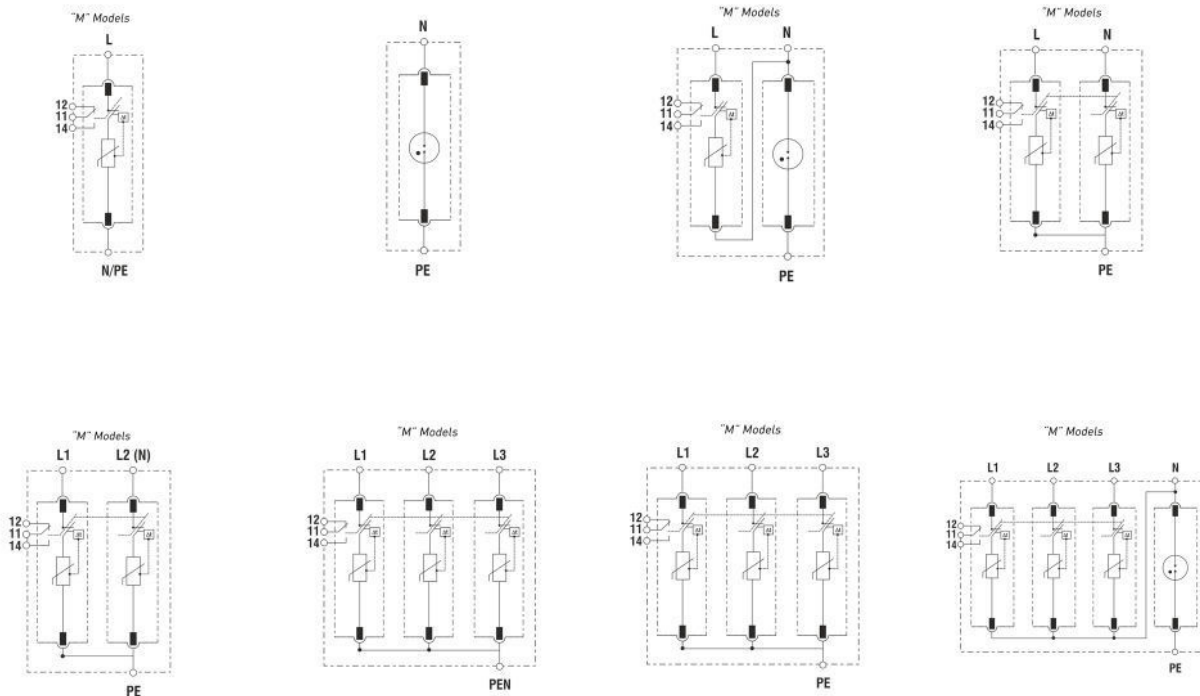
AC Surge SPD- Single Phase AC Power Surge Protective Device



- ▶ 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 40kA10/350
- ▶ Compact size,36mm width
- ▶ MOV (Metal Oxide Varistor)
- ▶ Design consists of a basic Line-Neutral protection configuration
- ▶ 35mm DIN-rail mounting
- ▶ IEC 61312-1, IEC 61312-3 (pending),IEC 61024-1, IEC 61000-4-5, IEC61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending), IEC 61643-1, NFC 61740, VDE 0675, UL 1449, BS 6651 ,ROHS, ISO9001, EN/IEC61643-11:2011,IEE C62-41-1991, FCC, CE

INTRODUCTION

Acumen Technologies’ AI-PC40-385 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.Connect in parallel with the Shunt Surge Suppressor power supply line between Line and Neutral. with display, green light work, red light broken.



SPECIFICATIONS

	Specifications
Category IEC/EU/VDE	I+ II /1+2/ B+C
Nominal working voltage (Un)	50~60Hz 220~380V
Max. continuous operating voltage (Uc)	385V
Nominal surge current (8/20μs) In	20kA
Maximum surge current (8/20μs) Imax	40kA
Voltage protection level L-N (Up)	< 1.5kV / < 1.7kV
Response time tA	≤25 ns
Protection model	L1/L2/L3/N-PE
Dimension	90 (H)×144 (W)×68(L)mm
Weight per unit	500g
Front circuit	63A
IP code	IP20
Working conditions	Temperature: -40 to 85°C, Relative humidity: ≤95%
Enclosure material	thermoplastic; extinguishing degree UL94 V-0
Approvals, Certifications	IEC 61312-1, IEC 61312-3, IEC 61024-1, IEC 61000-4-5, IEC61643-1-1 IEC 61643-1-2, IEC 62066, IEC 61643-2-1, IEC 61643-1, , UL 1449, ISO9001, FCC, CE, ROHS

DIMENSION

