

## A385-10K-1P(2P/3P/4P)

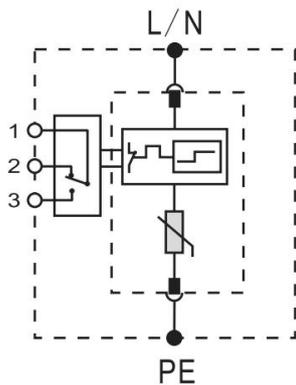
### scope of application

Designed for building terminal distribution boxes, this device operates at 50/60Hz rated frequency and 230/400V rated voltage. It provides protection against lightning strikes on the power supply's third level and overvoltage caused by operational procedures, ensuring reliable equipotential bonding.

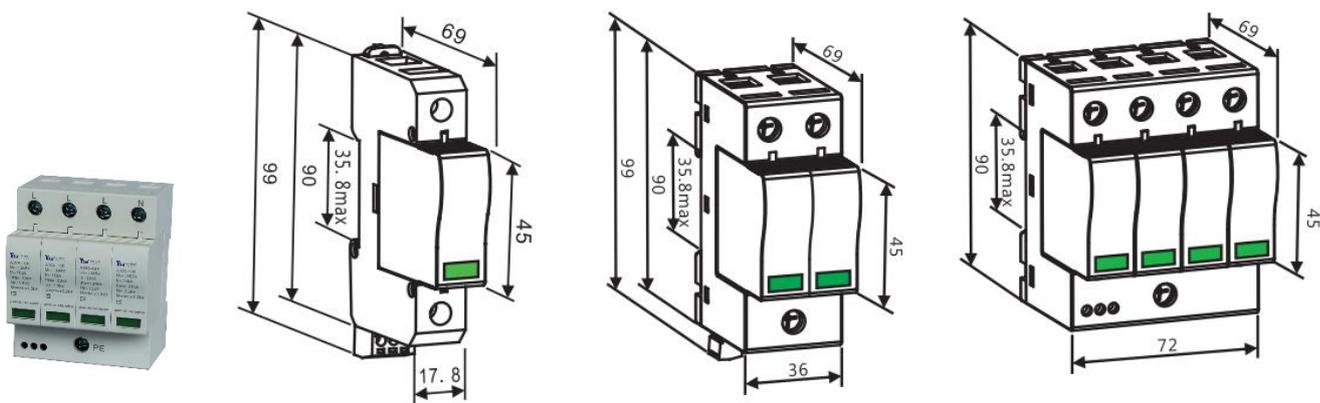
### technical parameter

model	A385-10K-1P(2P/3P/4P)
According to the standard: GB/T18802.11/IEC61643-11	Grade III/Class II
Nominal AC voltage (Un)	230V/400V(50/60HZ)
Maximum continuous operating voltage (Uc)	385V(50/60HZ)
Nominal discharge current (8/20 $\mu$ s) [In]	10KA
Maximum discharge current (8/20 $\mu$ s) [Imax]	20KA
Voltage protection level (Up)	1.5KV
Voltage protection level @5 kA (Up)	1.3KV
response time (t)	$\leq 25$ ns
External backup fuse/air switch/SCB	40A Gg/20A/SCB-80
leakage current	$\leq 20\mu$ A
Working temperature range (Tu)	-40°C ~ +80°C
Working status/fault indication	Green/Red
minimum installed conductor cross-sectional area	1.5mm <sup>2</sup> single-strand wire/soft wire
maximum installed conductor cross-sectional area	35mm <sup>2</sup> multi-strand wire / 25mm <sup>2</sup> flexible wire
way to install	35mm DIN rail, compliant with EN 60715
Shell material	Gray thermoplastic material, UL94 V-0
installation site	indoor
levels of protection	IP20
size	1/2/3/4 digital model, DIN 43880
relative humidity	$\leq 95\%$ No condensation
Remote communication contact type (optional)	Floating switch contact
AC load capacity	250V/0.5A
DC load capacity	250V/0.1A; 125V/0.2A; 75V/0.5A
cross-sectional area of telemetry terminal	Maximum 1.5mm <sup>2</sup> single-strand wire/soft wire

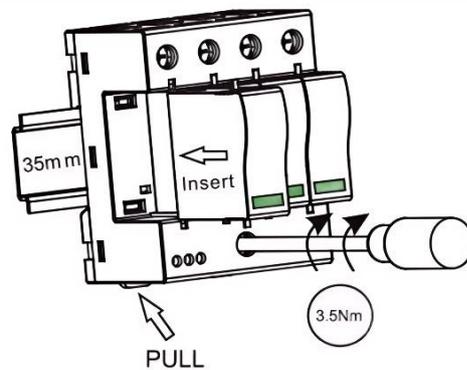
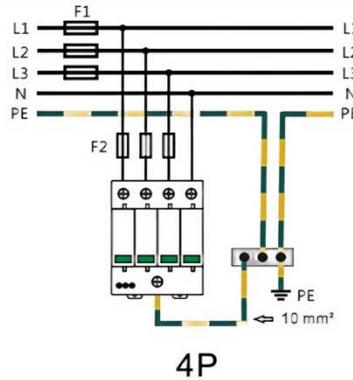
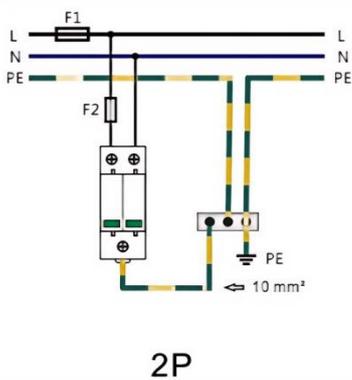
### schematic diagram



### outline dimensional drawing



### hookup



### Disclaimer

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.