

## A385-40K-1P(2P/3P/4P)

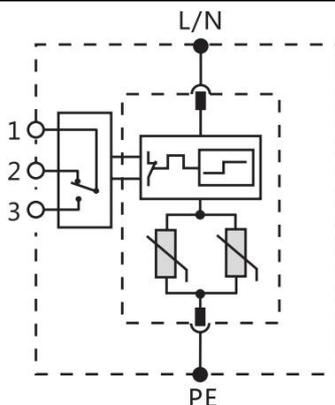
### scope of application

Designed for equipotential bonding in low-voltage main/distribution boxes rated at 50/60Hz and 230/400V, this protection provides safeguards against lightning strikes or surge overvoltages on power lines (non-airborne power lines) at either Level I or Level II.

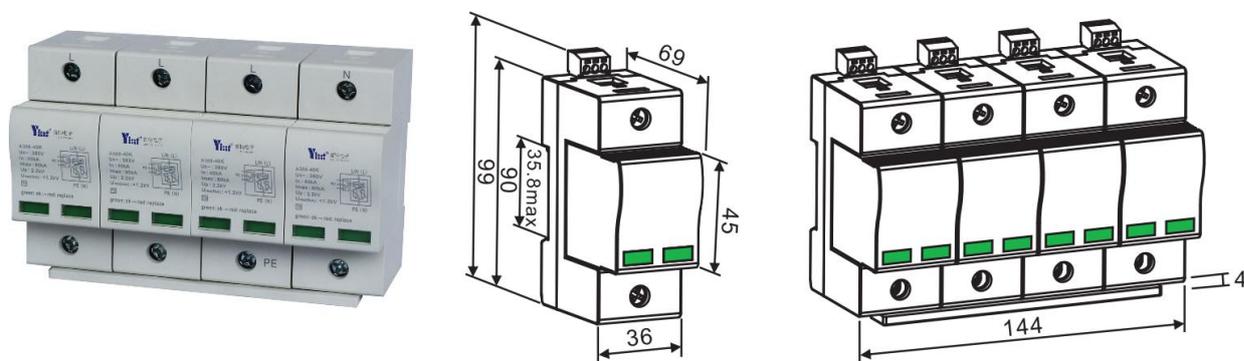
### technical parameter

model	A385-40K-1P(2P/3P/4P)
According to the standard: GB/T18802.11/IEC61643-11	Grade II/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]	40KA
Maximum discharge current (8/20 $\mu$ s) [Imax]	80KA
Voltage protection level (Up)	2.2KV
Voltage protection level @5 kA (Up)	1.2KV
response time (t)	$\leq 25$ ns
External backup fuse/air switch/SCB	125A Gg/63A/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	2/4/6/8 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

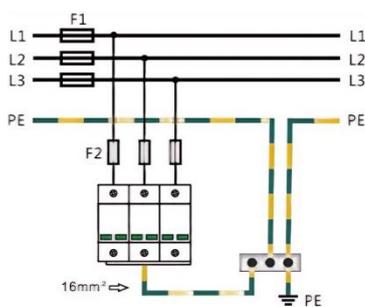


outline dimensional drawing

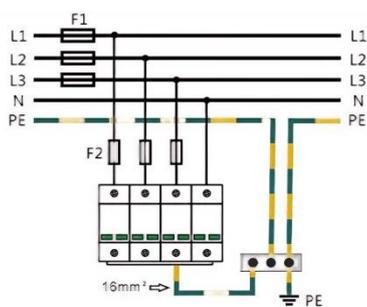


1P:36,2P:72,3P:108,4P:144

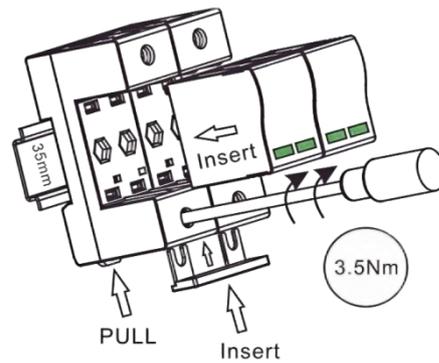
Hookup



3P



4P



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.