A385-30K-1P(2P/3P/4P)

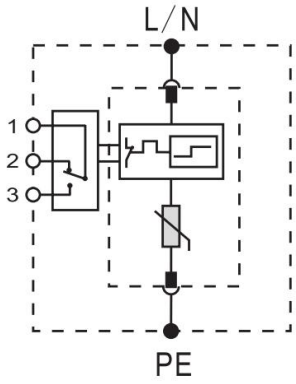
scope of application

Designed for 50/60Hz rated frequency and 230/400V rated working voltage, this device provides equipotential bonding in building low-voltage distribution boxes, offering protection against lightning strikes on power supply level II and overvoltage caused by operational procedures.

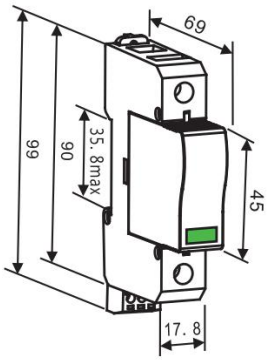
technical parameter

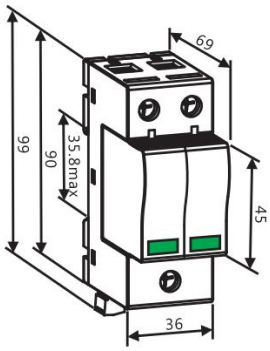
model	A385-30K-1P(2P/3P/4P)
According to the standard: GB/T18802.11 (IEC61643-11)	Grade II/Class II
Nominal AC voltage (Un)	230V/400V(50/60HZ)
Maximum continuous operating voltage (Uc)	385V(50/60HZ)
Nominal discharge current (8/20μs) [In]	30KA
Maximum discharge current (8/20μs) [Imax]	65KA
Voltage protection level (Up)	2.0KV
Voltage protection level @5 kA (Up)	1.2KV
response time (t)	≤25ns
External backup fuse/air switch/SCB	125A Gg/63A/SCB-80
leakage current	≤20μA
Working temperature range (Tu)	-40℃～+80℃
Working status/fault indication	Green/Red
minimum installed conductor cross-sectional area	1.5mm² single-strand wire/soft wire
maximum installed conductor cross-sectional area	35mm² multi-strand wire / 25mm² 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	≤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 1.5mm² single-strand wire/soft wire

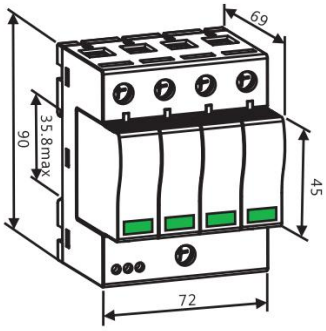
schematic diagram



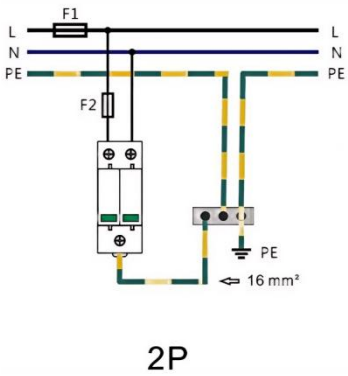
outline dimensional drawing

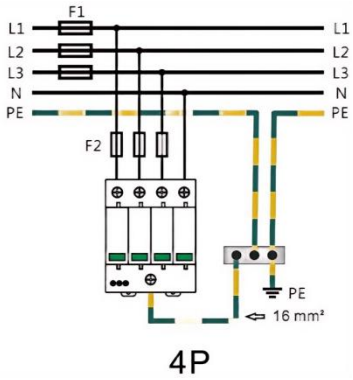


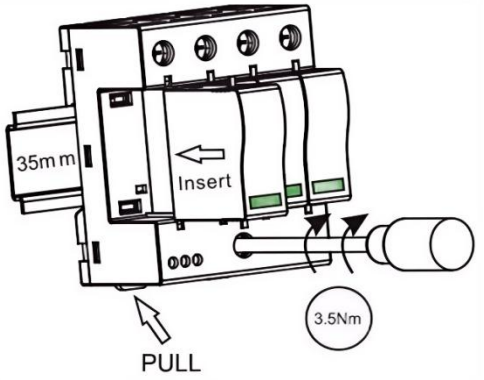




hookup







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.