

A275-25KH-1P(2P/3P/4P)

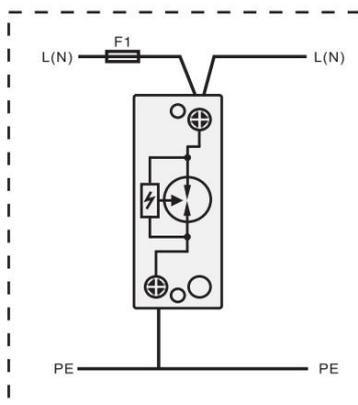
scope of application

This product is designed to protect against Level I lightning strikes or surge overvoltages on the low-voltage side of transformers (rated at 50/60Hz and 230/400V) or in LPZ0-LPZ1 zones, particularly for overhead power lines. It is not suitable for systems where the expected short-circuit current exceeds the rated breaking continuity value. A fuse must be connected in series at the front end of the product.

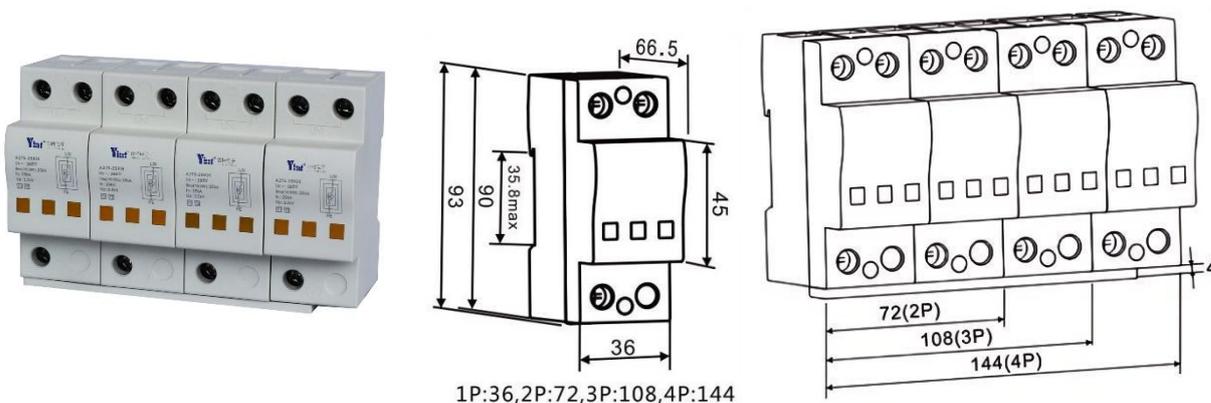
technical parameter

model	A275-25KH-1P(2P/3P/4P)
According to the standard: GB/T18802.11 (IEC61643-11)	Grade I/Category I
Nominal AC voltage (Un)	230V/400V(50/60HZ)
Maximum continuous operating voltage (Uc)	275(50/60HZ)
Nominal discharge current (8/20 μ s) [In]	25KA
Impulse current (10/350 μ s) [Iimp]	25KA
Voltage protection level (Up)	2.5KV
Voltage protection level @5 kA (Up)	1.2KV
response time (t)	≤ 100 ns
external backup fuse	250A gG
leakage current	not have
Working temperature range (Tu)	-40 $^{\circ}$ C ~ +80 $^{\circ}$ C
Working status/fault indication	not have
minimum installed conductor cross-sectional area	1.5mm ² single-strand wire/soft wire
maximum installed conductor cross-sectional area	35mm ² multi-strand wire / 25mm ² 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)	-
AC load capacity	-
DC load capacity	--
cross-sectional area of telemetry terminal	-

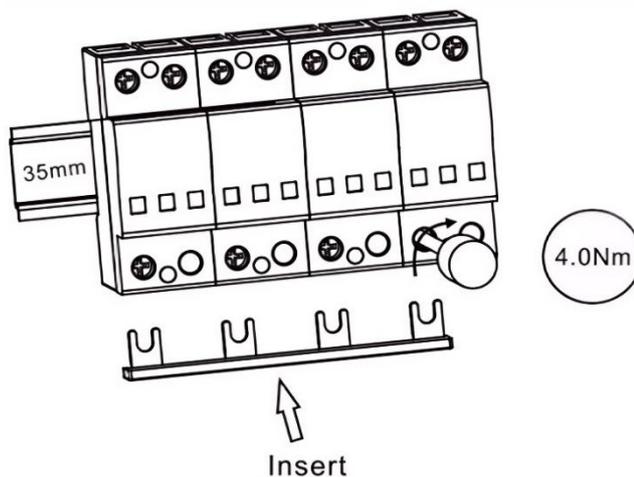
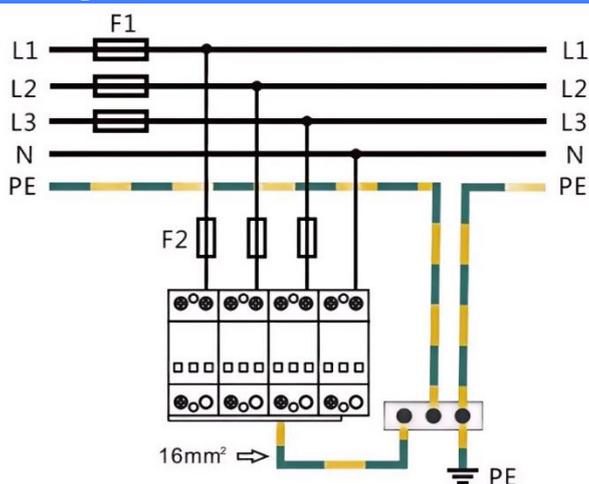
schematic diagram



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.