



PA600-100 G1 Voltage equalizer



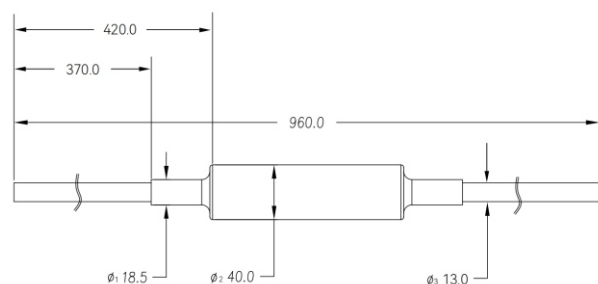
Descriptive

Isolated discharge gaps, withstanding lightning current, class H, can be used for indirect equipotential connection between lightning protection systems and metallic facilities.

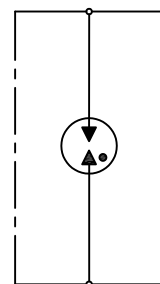
Specificities

- Spark isolation technology
- No refill
- Large lightning current discharge capability
- Multiple connection methods
- Can protect end equipment

Dimension drawing



Schematic



Electrical parameters

Product type	PA 600-100 G1
Reference standard	GB/T 33588.3/IEC 62561.3
Lightning current withstand capability	Class H
Skill	GDT
Discharge voltage	600V (Optional)
Rated power frequency withstand voltage (U_{WAC})	300Vac (Optional)
Rated DC withstand voltage (U_{WDC})	400Vdc (Optional)
Lightning impulse current (10/350 μ s) (I_{imp})	100 kA
Impulse discharge voltage (1.2/50 μ s)	1500V
Electrical insulation resistance	$\geq 1G\Omega$
Capacitors	$\leq 15pF$

Mechanical parameters

Overall Dimension (H×W×D)	960 mm x 40 mm x 40 mm
Outline Diameter $\phi 1$	18.5mm
Outline Diameter $\phi 2$	40.0 mm
Outline Diameter $\phi 3$	13.0 mm
Cross-sectional area of conductor	25mm ²
The length of the cable	420 mm
Connection Methods	Bolt-on/welding
Weights	0.95kg

Working conditions

Mounting position	outside/Buried
Operating temperature	-40 °C...+70 °C
Relative humidity	$\leq 100\%$
Altitude	≤ 5 km
Protection class	IP 67
Fitting material	Copper conductors
Housing Material	UL 94V-0
Product code	951102