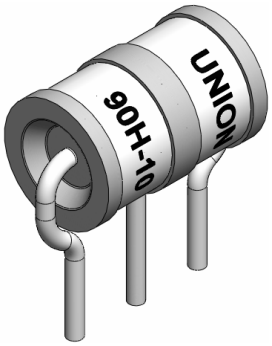
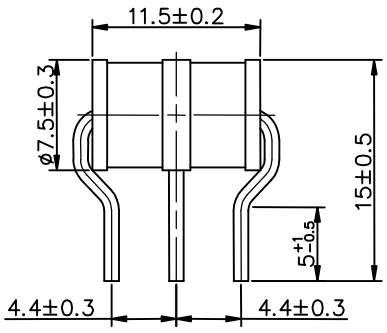
3-Electrode Gas Tube Arrester

UN3E7-90HM Φ7.5×11.5 10KA×2

Dimension





Unit:mm

Nickel-plated

Electrical Specifications

DC Spark-over Voltage at 100V/S	90±20%	V
Impulse Spark-over Voltage		
at 100V/μs	<450	V
at 1KV/μs	<600	V
Life:		
Impulse Discharge current 8/20μs (±5 times)	10×2	KA
10/1000μs (300 times)	100	A
AC Discharge current (1S,5times interval 3 minutes)	10×2	A
Insulation resistance at DC 50V	>1000	MΩ
Electrode Capacitance at 1MHz	<1.5	pF
Arc Voltage at 1A	~25	V
Glow Voltage at 1mA	~60	V
Holdover Voltage at 100mA,＜150mS	52	V
Transverse delay time	< 0.2	μs
Weight	~2.5	g
Operation and storage Temperature	-40~+90	℃
Marking, Black	**UNION** **90H-YY** 90 -Nominal voltage H -20KA YY -Year of production	

Applications

- Branch exchange(MDF)
- Telephone / Fax / modem protection
- Date/Single line protection
- XDSL-splitter
- Cable TV / Coaxial cable protection
- Tower mounted amplifier
- Consumer electronis

Feature

- Non-Radioactive
- RoHS Compliant
- LOW Capacitance
- High insulation resistance
- Fast response-time
- Standard size

Notes:

1. Terms in accordance with ITU-T K.12 and GB/T 9043-2008
2. At delivery AQL 0.65 level Ⅱ, DIN ISO 2859
3. After life test:
   DC Spark-over Voltage at 100V/S : 90±30%
   Impulse Spark-over Voltage at 1KV/μs<700V