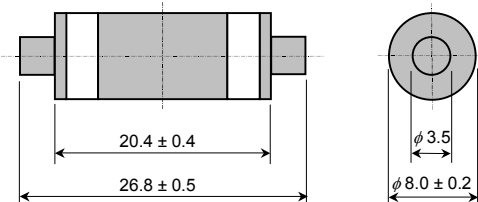


Three Electrode Gas Tube Surge Arrester

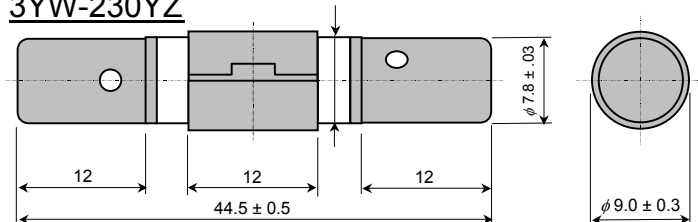
Part Number: 3YW-230A / 3YW-230YZ



3YW-230A



3YW-230YZ



Applications:

- Transient Voltage Surge Suppression
- Telephone Network Interfaces
- Traffic Control Systems
- Building Entry/Outside Plant

Features:

- UL 497B Recognized
- UL File E140906
- Non-Radioactive
- 100% Lead-Free (RoHS Compliant)
- Durable Construction
- Low Capacitance
- Proven Performance
- ISO 9001 Certified
- World Renowned Quality

Marking

230 1 7

- Month of Manufacture
1-9: January - September
X, Y, Z: October - December
- Production Year
1: 2001
- Breakdown Voltage
- Sankosha Company Logo

Electrical Characteristics

1.	DC Breakdown Voltage	100 V/sec	230V ± 20%	(L1-E) (L2-E)		
2.	Impulse Breakdown Voltage	100 V/μsec	≤ 600V	(L1-E) (L2-E)		
		1 kV/μsec	≤ 800V	(L1-E) (L2-E)		
3.	Insulation Resistance	DC 100V	≥ 10,000 M-ohm			
4.	Capacitance	1 MHz	≤ 3.0 pF			
5.	DC Holdover Voltage	See Note	≤ 150V	Note: ITU-T K.12 or IEEE C62.31-1987 Test Circuit		
6.	Impulse Life	10/1000 μsec	1000 A	1000 Times	(L1+L2-E)	
7.	Impulse Discharge Current	8/20 μsec	40 kA	1 Time	(L1+L2-E)	
		8/20 μsec	20 kA	Each Polarity 5 Times	(L1+L2-E)	
8.	AC Discharge Current	50 Hz	400 A	9 Cycles	1 Time	(L1+L2-E)
		50 Hz	20 A	One Second	5 Times	(L1+L2-E)

After Life Tests

9.	DC Breakdown Voltage	100 V/sec	230 ± 50%			
10.	Impulse Breakdown Voltage	100 V/μsec	≤ 900V			
11.	Insulation Resistance	DC 50 V	≥ 1 M-ohm			

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