

TrueNet®

3-pole Arrestors

Issue 1



Features:

- Blue casing, 230V
- Red casing, 500V

Specifications

230V Arrestor:

DC firing potential (100V/s):	230V ±20%
Impulse spark-over voltage (1kV/μs):	<450V
AC current withstand capacity (8/20μs):	10A x 2, 1s once
Insulation resistance (100VDC):	≥100MΩ
Capacitance (1MHz):	<5pF
DC holdover voltage (10/1000, 100A, DC 110V, 1300Ω):	<500ms
Voltage and discharge current characteristics (50Hz 600V ±10%, 3A):	
Glow voltage:	<300V
Glow to arc:	<1.5A
Arc voltage:	<40V
Impulse transverse time (1kV/μs):	<200ns
AC discharge current (50Hz 1s, 5A x 2):	10 times
Impulse discharge current (8/20μs):	5kA x 2 (10 times)
	10kA x 2 (once)

500V Arrestor:

DC firing potential (100V/s):	500V ±20%
Impulse spark-over voltage (1kV/μs):	<1000V
AC current withstand capacity (8/20μs):	10A x 2, 1s once
Insulation resistance (100VDC):	≥100MΩ
Capacitance (1MHz):	<5pF
DC holdover voltage (10/1000, 100A, DC 110V, 1300Ω):	<500ms
Impulse transverse time (1kV/μs):	<200ns
AC discharge current (50Hz 1s, 10A x 2):	10 times
Impulse discharge current (8/20μs):	5kA x 2 (10 times)
	10kA x 2 (once)

SPEC SHEET

Ordering Information

Description	Quantity	Colour	Product No.
3-pole Arrestor, 230V, 3YVJ-230J1	Bag of 10	Blue	6469 0 001-17
3-pole Arrestor, 500V, 3YVJ-500J1	Bag of 10	Red	6469 0 001-24

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