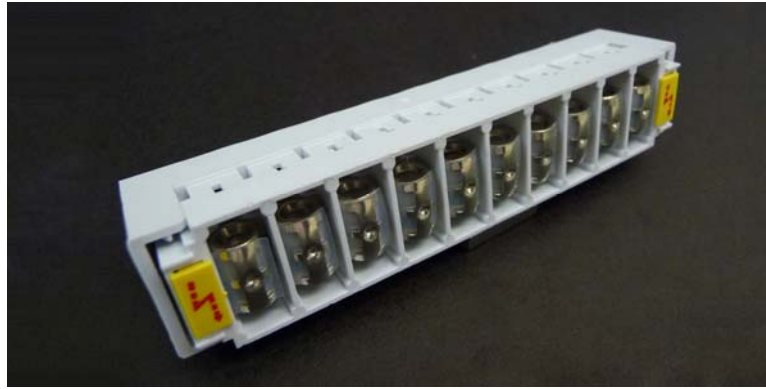


10 PAIRS MAGAZINE LOADED WITH 3 POLE ARRESTER



SPECIFICATIONS

Part No.

MK4-V11

ELECTRICAL CHARACTERISTICS

In addition to this specification, general electrical characteristics test and measurement should be performed in the environment at the temperature $25 \pm 10^\circ\text{C}$ and relative humidity $60 \pm 25\%$ and completed three plates assembly set test.

INSULATION RESISTANCE

The value of insulation resistance measured at between ground plate (E) and electrode (L1, L2) with DC 50 Volts should be more than 1000m Ω .

ELECTRO STATIC CAPACITY

The value measured between ground plate (E) and electrode (L1, L2) with 1 MHz should be less than 10pF.

Test Result : 4.7 ~ 8.8pF

AC BREAKDOWN VOLTAGE

Make insulation with 10k Ω series and increasing gradually with 60 Hz A.C Voltage, then discharge within the range of $\pm 20\%$ A.C 163V should be occurred.

Test Result : 164 ~ 173V

BLOCKING THE CONTINUOUS FLOWING

When 200 Ω resistance is connected on DC 53V and impress the impulsive wave 10 x 200 μs . 200A discharge time should not exceed 0.5 sec.

Test Result : 0.15 ~ 0.4m/sec

IMPULSE BREAKDOWN VOLTAGE

When impressed the ascending voltage of 75 Volts per microseconds with 10 x 1000 μs impulsive wave, discharge should be less than 750 Volts.

Test Result : 210 ~ 230V

MATERIAL

Housing : PBT UL94V-0 or ABS UL94V-0

Contact : Phosphor Bronze

Plating : Silver

ARRESTER TECHNICAL SPECIFICATION MODEL : 3YVJ – 230J1F2

DC Sparkover Voltage (L1-E) (L2-E)	100V/s	230V \pm 20%
Impulse Sparkover Voltage (L1-E) (L2-E)	100V/ μs	\leq 500V
	1kV/ μs	\leq 650V
Insulation Resistance		\geq 10,000M Ω
Capacitance	1 MHz	\leq 3.0pF
DC Holdover Voltage		\leq 135V
Impulse Life (L1 + L2-E)	10/1000 μs , 400A	300 times
Impulse Discharge Current, 8/20 μs (L1 + L2-E)	Single	20kA
	Repeat 10 times (5 times each polarity)	10kA
AC Discharge Current, 50 Hz (L1 + L2-E)	Single (9 Cycles)	130A
	Repeat 10 times (1 second)	10A