

# TVSS PROTECTOR SURGITRON

## MODEL NUMBER SCHEME

### Available Configurations

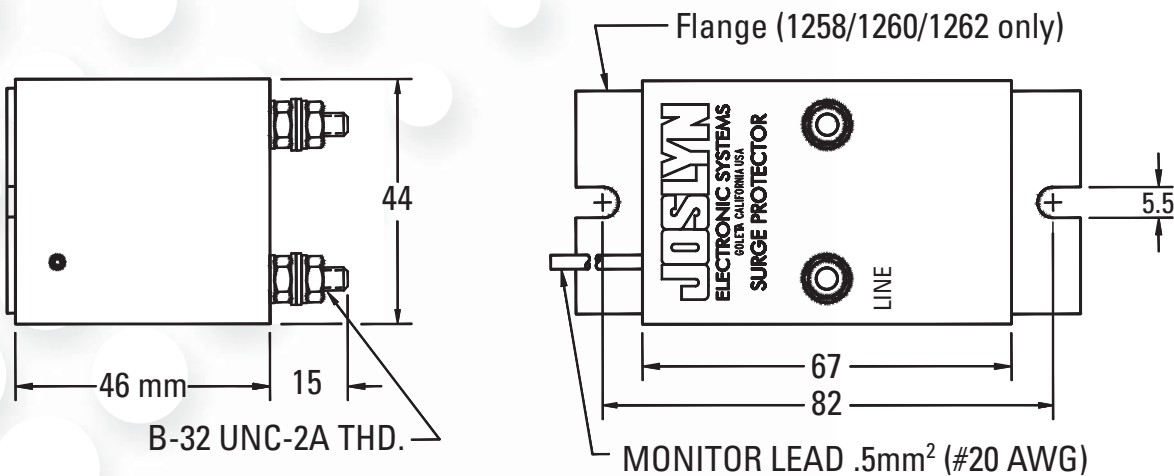
Model Number	Voltage
1260-30-A 72233	100-120 Vac
1260-30 72109	100-127 Vac
1262-30 72116	208-277 Vac
1258-30 72444	208-277 Vac

## SPECIFICATIONS

Model	1260-30-A 72233	1260-30 72109	1262-30 72116	1258-30 72444
Intended AC System Voltage, 50-60 Hz	100-120Vac	100-127Vac	208-277Vac	208-277Vac
Varistor MCOV	150 Vac 200 Vdc	175 Vac 225 Vdc	300 Vac 385 Vdc <sup>1</sup>	420 Vac 560 Vdc <sup>1</sup>
Varistor Voltage@1mA	240 V	270 V	470 V	680 V
Suppression Voltage				
200 A, 100 kHz	380 V	425 V	705 V	970 V
500 A, 100 kHz	405 V	450 V	745 V	1020 V
500 A, 8/20 μs	375 V	420 V	705 V	950 V
1.5 kA, 8/20 μs	405 V	450 V	740 V	1010 V
3 kA, 8/20 μs	430 V	475 V	785 V	1055 V
5 kA, 8/20 μs	450 V	500 V	825 V	1120 V
10 kA, 8/20 μs	505 V	560 V	925 V	1255 V
UL 1449 Suppression Voltage	400 V	500 V	800 V	1000 V
Surge Energy Capacity 10/1000 μs	1345 J	1520 J	2800 J	3055 J
Approvals:	UL	UL	UL CE	UL CE

<sup>1</sup> The use on dc systems above 250 Vdc is not recommended. 72109 replaces 71939. 72116 replaces 71937

## DIMENSIONS



## SYSTEM FEATURES AND BENEFITS

- SPD Category and Type – Single mode module for use in OEM protector cabinets
- Technology – Matrix of multiple Metal Oxide Varistors with individual fusing.
- Includes a ‘monitor lead’ for local or remote functional status annunciation; the wire provides line voltage when the module is operational, which can be used to drive a monitoring light or relay.

## CHARACTERISTICS

Max Load on Monitor Lead	50 mA
Surge Life	25,000 times
3 kA, 8/20 μs	500 times
10 kA, 8/20 μs	75 times
20 kA, 8/20 μs	
Component Response Time	<1 ns
Operating Temperature	-40° to +85° C
Max Operating Altitude	5000 m
Shipping Weight	.3 kg
Safety Approvals: UL 1449 2nd Edition 2005 Revision (effective 2/9/2007). CE	
Compliant with Directive 73/23/EEC, EN 60950	