



PRODUCT SPECIFICATIONS

28-21470 one outlet surge protector



Technical Specifications

Maximum Input Voltage (VAC).....	125
Nominal Input Frequency (Hz).....	60
Maximum Output Power (Watts)	1875
Maximum Line Current (Amps).....	15
Regulatory Compliance (needed on all models)	ETL& CETL
Standard	UL 498A and 1449
Certifications	ETL & CETL

Physical Specifications

Exterior Dimensions (mm).....	58 Length x 40 Width x 31 Depth
Enclosure Material.....	ABS / Plastic UL94V-0
Housing Colors	
Top.....	WHITE
Bottom	WHITE
Housing Exterior	dull polish
Enclosure Containment Design	Screws
Outlets	
Outlet Design	1 hole grounded
Total Number	1

Special Features

Indicators	
Surge Indicator	YES
Clamping (Volts)	700V
Maximum Energy Dissipation	270-720J

Environmental

Operating Temperature	-15 to 40 degrees Celsius
Conditions of Operation.....	Indoor only

Product/Component Performance and Periodic Auditory Requirements

UL 1449 Transient Voltage Surge Suppressors, Second Edition	Yes
UL 498A Attachment Plugs and Receptacles	Yes

UL Markings Requirements

Product Back Housing Label and / or Mold	
UL or ETL File number of manufacturer.....	Yes
Electrical rating in volts and amperes.....	Yes
Indoor use only	Yes
Caution wording per UL1449 (3 rd edition) section 64 for Surge Strip	YES
Voltage Protection Rating / VPR for surge strip	YES
Surge Protective Device – Type 3” or “Type 3 SPD” for surge strip	YES

Manufacturing and Production-Line Test Requirements

Product specification of 1 Outlet surge protector

Electrical Test			
Max Input voltage		Rated 1 minute	132Vac, no damage
Power switch function		Power ON	
Output rating		125V 15A 1875W	
Surge protection	Main Power (test per 6KV 3KA C62.41 pulse)	L-N	300J-720J VPR:500V
	Response Time		<1 nanosecond
Receptacle / Outlet mechanical test (Sampling)			
Withdraw force	after10 insertion cycles	w 3 prongs plug	15 LB max
Retention force		w 2 prongs plug	3 LB min., 1 minute, displacement < 2 mm
Safety test			
Hi Pot test	1250Vac		1 minute, No breakdown
Leakage current test	L to G		0.5 mA max
	N to G		0.5 mA max
Insulation resistance	AC input to USB O/P		100 m ohm max

Product Markings



Revisions:

Rev	Description of change	Date MM/DD/YY	Approved By Initials
NR	Original	3/16/2016	Ding