

Product specification

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PRODUCT SPECIFICATIONS

SDL-04C Four (4) outlet surge protector (2 USB ports)



Technical Specifications

Maximum Input Voltage (VAC).....	125
Nominal Input Frequency (Hz).....	60
Maximum Output Power (Watts).....	1875
Maximum Line Current (Amps).....	15
Power Control	
Switch.....	Yes
Circuit Breaker.....	15A
Lighted.....	Yes
Color.....	black and red
**Regulatory Compliance (needed on all models).....	ETL& CETL
Standard.....	UL 498A

Power cord

Type.....	14AWG/3C 60°C
Colors.....	Black

Physical Specifications

Exterior Dimensions (mm).....	248 Length x 42 Width x 28 Depth
Enclosure Material	PC / Plastic UL94V-0
Housing Colors	
Top.....	Black
Bottom.....	Black
Power Switch.....	black and red
Housing Exterior.....	dull polish
Enclosure Containment Design.....	Screws

Outlets

Outlet Design.....	4 holes grounded
Total Number.....	4
Number of Transformer.....	NA

Special Features

Indicators

Surge Indicator.....	NA
Clamping (Volts).....	V
Maximum Energy Dissipation.....	90-450J

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

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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

Electrical Test			
Max Input voltage		Rated 1 minute	132Vac, no damage
Power switch function		Power ON	NA
Output rating			125V 15A 1875W
Surge protection	Main Power (test per 6KV 3KA C62.41 pulse)	L-N	90J-450J VPR:500V
	Response Time		<1 nanosecond
Receptacle / Outlet mechanical test (Sampling)			
Withdraw force	after 10 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
USB test		5V 2.1A	2.1 A load don't turn off

Product Markings



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Product Inspection in manufacturing / production line

Housing, Exterior Visual Inspection for Workmanship
 Discoloration..... 100% Inspected, zero defects
 Contaminants (oil, grease, dirt)..... 100% Inspected, zero defects
 Partial Filled Housings..... 100% Inspected, zero defects
 Housing, Exterior Measured Inspection
 Flash (0.020" w x 0.250" l x 0.005 Th.max.)..... 100% Inspected, zero defects
 Front/Back Assembly..... 100% Inspected, zero defects
 Cord, Visual Inspection for Presence
 Cord Wire Ties..... 100% Inspected, zero defects

Revisions:

Rev	Description of change	Date MM/DD/YY	Approved By Initials
B	Replacement of Product Pictures	8/12/2019	Xinhui.xiao