

■ Features

- Power Rating: 22W
- Input Voltage: 120-277Vac
- Constant current design
- Output currents (350mA-1600mA)
- Fixed output current
- Efficiency up to 81%
- UL Class 2 Output
- OVP, SCP, & Open Circuit Protection
- IP20
- 5-year warranty



*Product images are for illustrative purposes only and may vary from actual design.

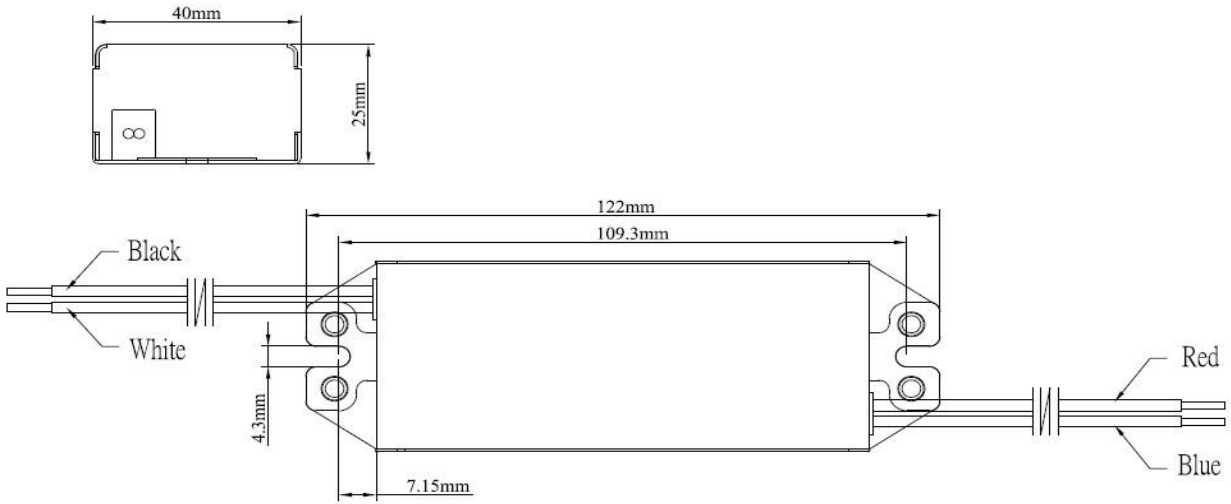
■ Application

- Dry and Damp Locations

■ Model List*(See part number scheme for model number details)

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
LXWC-022S035SS-20	120~277Vac ± 10%	22W	21-63V	350mA	350mA	80% @120V	UL/cUL
LXWC-022S040SS-20	120~277Vac ± 10%	22W	18-55V	400mA	400mA	81% @120V	UL/cUL
LXWC-022S050SS-20	120~277Vac ± 10%	22W	14-44V	500mA	500mA	81% @120V	UL/cUL
LXWC-022S060SS-20	120~277Vac ± 10%	22W	12-36V	600mA	600mA	81% @120V	UL/cUL
LXWC-022S070SS-20	120~277Vac ± 10%	22W	10-32V	700mA	700mA	81% @120V	UL/cUL
LXWC-022S080SS-20	120~277Vac ± 10%	22W	9-28V	800mA	800mA	81% @120V	UL/cUL
LXWC-022S090SS-20	120~277Vac ± 10%	22W	8-24V	900mA	900mA	81% @120V	UL/cUL
LXWC-022S100SS-20	120~277Vac ± 10%	22W	8-22V	1000mA	1000mA	81% @120V	UL/cUL
LXWC-022S110SS-20	120~277Vac ± 10%	22W	7-20V	1100mA	1100mA	81% @120V	UL/cUL
LXWC-022S120SS-20	120~277Vac ± 10%	22W	7-18V	1200mA	1200mA	81% @120V	UL/cUL
LXWC-022S130SS-20	120~277Vac ± 10%	22W	7-17V	1300mA	1300mA	81% @120V	UL/cUL
LXWC-022S140SS-20	120~277Vac ± 10%	22W	7-16V	1400mA	1400mA	81% @120V	UL/cUL
LXWC-022S150SS-20	120~277Vac ± 10%	22W	7-15V	1500mA	1500mA	81% @120V	UL/cUL
LXWC-022S154SS-20	120~277Vac ± 10%	22W	7-14V	1600mA	1600mA	81% @120V	UL/cUL
LXWC-022S170SS-20	120~277Vac ± 10%	22W	7-14V	1700mA	1700mA	81% @120V	UL/cUL

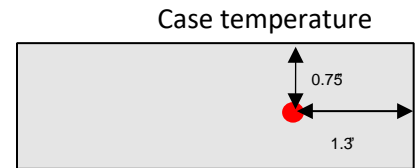
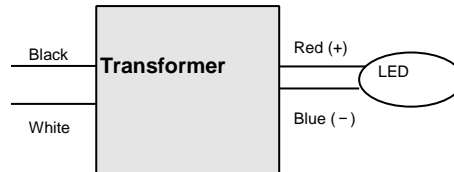
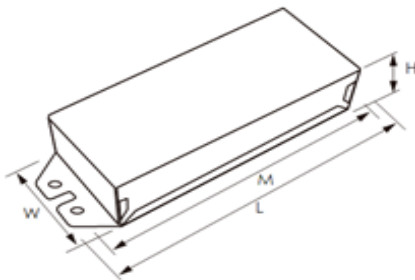
■ Wiring Diagram



Input Wire: 12" UL 1316 #18AWG (Black and White)

Output Wire: 12" UL 1569 #18AWG (Red and Blue)

Output Wire: 12" UL 1316/1430 #22AWG (Red and Blue)



■ Technical Data

Input voltage range	120~277Vac ± 10%
Frequency	50/60Hz
Power factor	>0.9 @ 80~100 load, 120~277VAC for all models
Inrush current	TBD
Max input current	0.26A @120V, 0.12A @277V
THD	< 20% under 120~277Vac input with 80~100% load condition

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 31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • www.autec.com

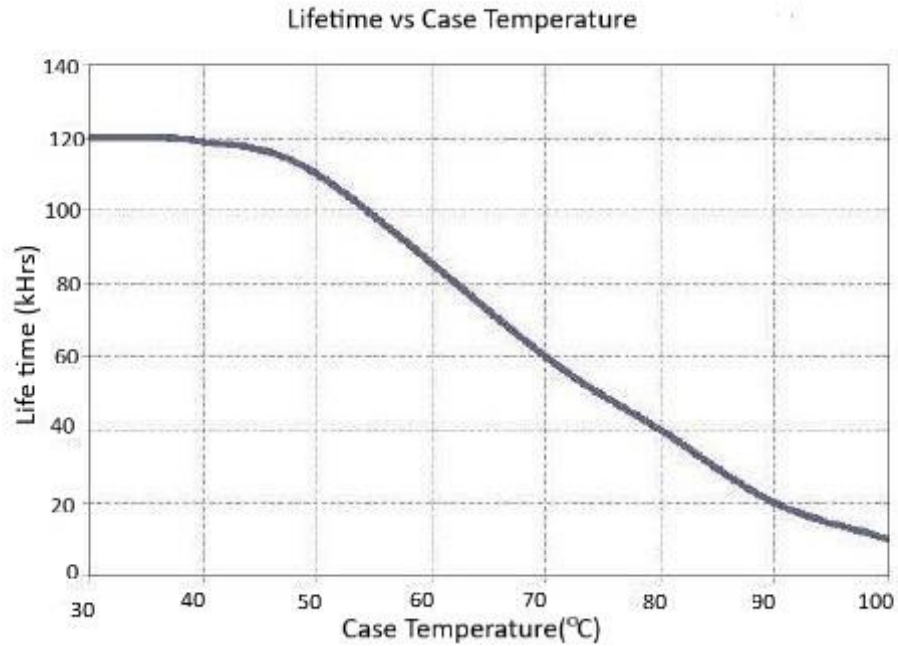
■ Technical Data(cont.)

Load Regulation	± 2%
Line Regulation	± 1%
Current Tolerance	± 5% at full load condition
Turn-on Delay Time	< 0.75s at full load condition
Overshoot	< 10% at full load condition
No Load Power Consumption	< 1W
Ripple & Noise (pk-pk)	< 10%
Withstand voltage	Input to output, 2,000Vdc, 2mA
Leakage current	Maximum 0.5mA at 120Vac, 60Hz input
Protection	Over voltage protection: Hiccup mode. Protection will trigger when load voltage exceeds specified output voltage and will auto recover after the fault mode is removed. Over current protection: Hiccup mode. Protection will trigger when load current exceeds specified output current and will auto recover after the fault mode is removed. Short circuit protection: Hiccup mode. Protection will trigger when short circuit and will auto recover after the fault mode is removed.
Operating temperature	-30 to 60°C
Storage temperature	-40 to 85°C
Humidity	5% to 95%
MTBF	376,000 Hours
Life rating	85,000 Hours
Maximum case Temperature	90°C
Length (L)	4.80" (121.92mm)
Width (W)	1.58" (40.13mm)
Height (H)	0.96" (24.38mm)
Mounting (M)	4.29" (108.96mm)
Packing	TBD

■ Safety Compliance

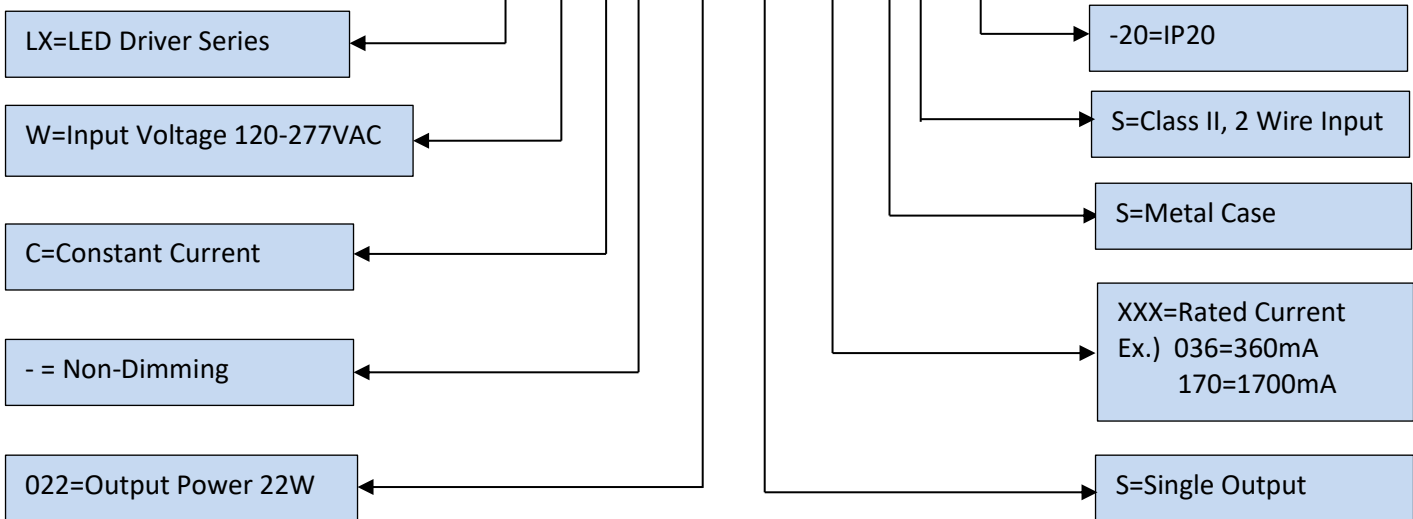
UL/cUL	UL 8750
CE	EN61347-1, EN61347-2-13
FCC, 47CFR Part 15	ANSI C63.4:2009 Class B (Consumer Limit)
EN61000-3-2	Harmonic Current Emissions Class C

■ Lifetime vs Case



Part Number Scheme

LX W C - 022 S XXX S S -20



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*Specifications are subject to change without notice. Autec is not Responsible for issues arising from errors or omissions.

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