



Model	Item Code	Output current	Input current	Input power	Output power range	PF	Efficiency	Output voltage	No load voltage
CC17W100-800-UNI-NX	158360	100mA	0.08A	5.80W	0.30-4.60W	0.40-0.94	79.2%	3-46V	60V Max.
		150mA	0.11A	8.50W	0.50-6.90W	0.41-0.96	81.8%		
		200mA	0.15A	11.20W	0.60-9.20W	0.42-0.97	82.8%		
		250mA	0.18A	13.90W	0.80-11.50W	0.53-0.97	82.9%		
		300mA	0.19A	16.80W	0.90-13.80W	0.63-0.98	82.5%		
		350mA	0.20A	19.80W	1.10-16.10W	0.70-0.98	81.3%		
		400mA	0.21A	20.90W	1.20-16.80W	0.72-0.98	80.4%	3-42V	
		450mA	0.21A	21.50W	1.40-17.10W	0.78-0.98	79.6%	3-38V	
		500mA	0.21A	21.70W	1.50-17.00W	0.80-0.98	78.4%	3-34V	
		550mA	0.21A	22.00W	1.70-17.10W	0.81-0.98	77.7%	3-31V	
		600mA	0.21A	22.00W	1.80-16.80W	0.82-0.98	76.5%	3-28V	
		650mA	0.21A	22.20W	2.00-16.90W	0.82-0.98	76.1%	3-26V	
		700mA	0.21A	22.30W	2.10-16.80W	0.82-0.98	75.4%	3-24V	
		750mA	0.21A	22.10W	2.30-16.50W	0.88-0.98	74.7%	3-22V	
		800mA	0.21A	22.80W	2.40-16.80W	0.89-0.98	73.7%	3-21V	

*** Test result @100V, 50Hz, Full Load.**

1. Parameters

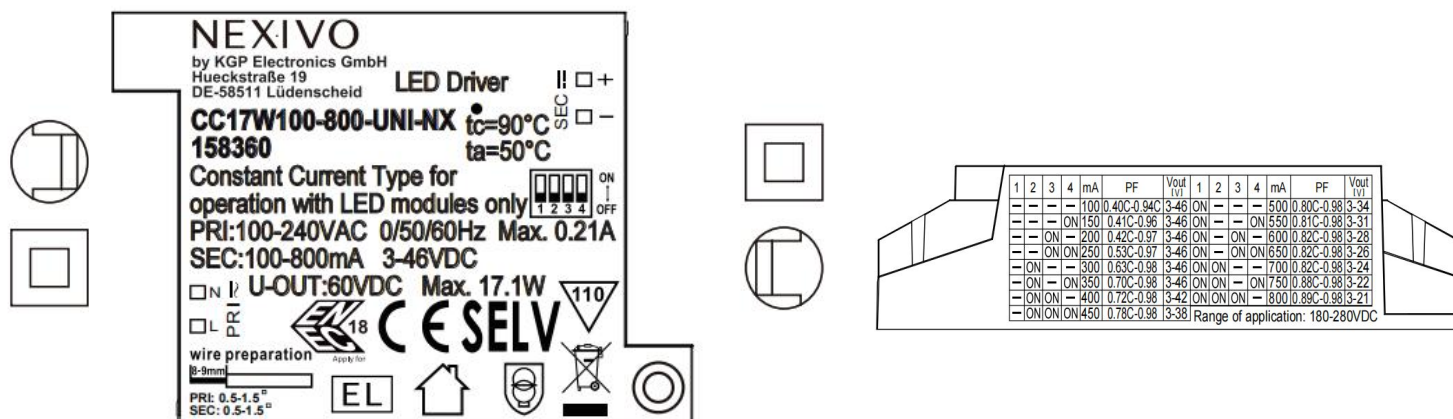
Category	Item	Technical Norm
Features	Output Type	Constant Current
	Output Features	Isolation
	IP Grade	IP20
	Insulation Class	Class II

Input	Rated Input Voltage	100-240VAC
	Range of Input Voltage	100-264VAC
	Range of DC Input Voltage	180-280VDC
	Frequency	0/50/60Hz, Range:0/47-63Hz
	Overvoltage protection	2h@380VAC, 48h@320VAC
	Input Current	≤0.21A
	Input Power	≤22.80W
	Power Factor	≥0.98 (100VAC, full load)
	THD	≤13% (100VAC, full load)
	No-load Power Consumption	≤0.5W (100VAC, full load)
	Inrush Current	≤8.2A/16us (100VAC, full load)
	Connected quantity of 10A Breaker	23pcs/type A ; 38pcs/type B ; 60pcs/type C
	Connected quantity of 13A Breaker	30pcs/type A; 49pcs/type B ; 79pcs/type C
Output	Connected quantity of 16A Breaker	38pcs/type A; 60pcs/type B ; 97pcs/type C
	Connected quantity of 20A Breaker	47pcs/type A; 76pcs/type B ; 121pcs/type C
	Output Voltage Range	3-46VDC@100-350mA, 3-42VDC@400mA 3-38VDC@450mA, 3-34VDC@500mA 3-31VDC@550mA, 3-28VDC@600mA 3-26VDC@650mA, 3-24VDC@700mA 3-22VDC@750mA, 3-21VDC@800mA
	No Load Voltage	60VDC Max.
	Output Current	100-800mA (Factory set current of 100mA)
	Max. Output Power	17.1W
	Efficiency	≥82.9% @250mA, 100VAC
	Output LF current ripple (< 120 Hz)	±3% (Imax-Imin) / (Imax+Imin)
	Current Accuracy	±5%
	PSTLM	≤1
	SVM	≤0.4
	Starting Time (AC mode)	≤0.5S (100VAC, full load)
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery (not be hot swap)
	No-load Protection	Auto Recovery
	Insulation voltage	3000V 5mA 60S between P-S
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	<700μA,I/P to O/P @230V input
Environment	Ta/Operation Temperature	-20....+50℃
	Ts/Storage Temperature	-20....+90℃
	Tc/Enclosure Temperature	90℃
	Humidity	10%.... 90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Build-in & Independent
	PRI Wire preparation	0.5-1.5□/ 8-9mm
	SEC Wire preparation	0.5-1.5□/ 8-9mm

Standards	SEC Wire preparation	0-0.8±0.05m (The EMC test results were achieved at approximately 0.8 meters) (the length required by the standard). If there are any data differences, please test according to the length required by the standard)
	Dimension	75*40*21mm (L*W*H)
	Certification	CE
	Safety Standards	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017;
	Performance	EN62384
Others	Surge	L-N:1kV
	RoHS	complied to 2011/65/EU
	Life Time	50000h Tc=90°C
		75000h Tc=85°C
		100000h Tc=80°C
	Warranty	5years , F.R. < 10000ppm
Remark: 1.All Parameters,if not specified,are measured at 100VAC/50Hz and 25°C ambient temperature. 2.LED Driver is a component of the luminaires. Luminaires and wire layout will affect the EMC, please check the EMC with end products again.		

Distance	15m	30m	50m
Cable selection	0.5mm ²	0.75mm ²	1.0mm ²

2. Label

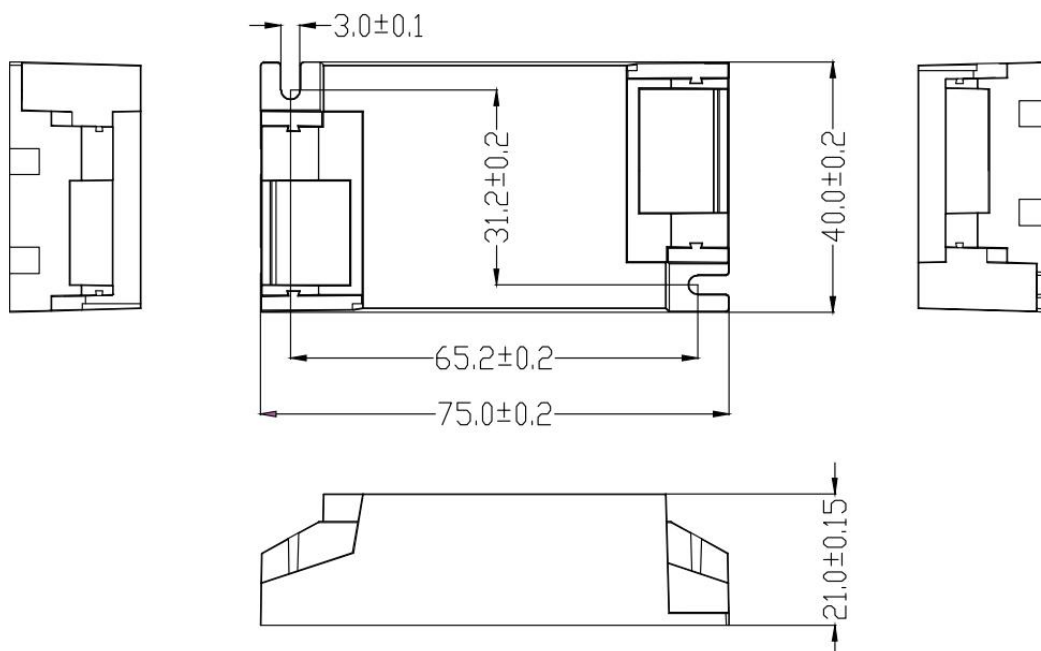


3. Output current setting

Output Current	1	2	3	4
100mA	-	-	-	-
150mA	-	-	-	ON
200mA	-	-	ON	-
250mA	-	-	ON	ON
300mA	-	ON	-	-
350mA	-	ON	-	ON
400mA	-	ON	ON	-
450mA	-	ON	ON	ON
500mA	ON	-	-	-
550mA	ON	-	-	ON
600mA	ON	-	ON	-
650mA	ON	-	ON	ON
700mA	ON	ON	-	-
750mA	ON	ON	-	ON
800mA	ON	ON	ON	-

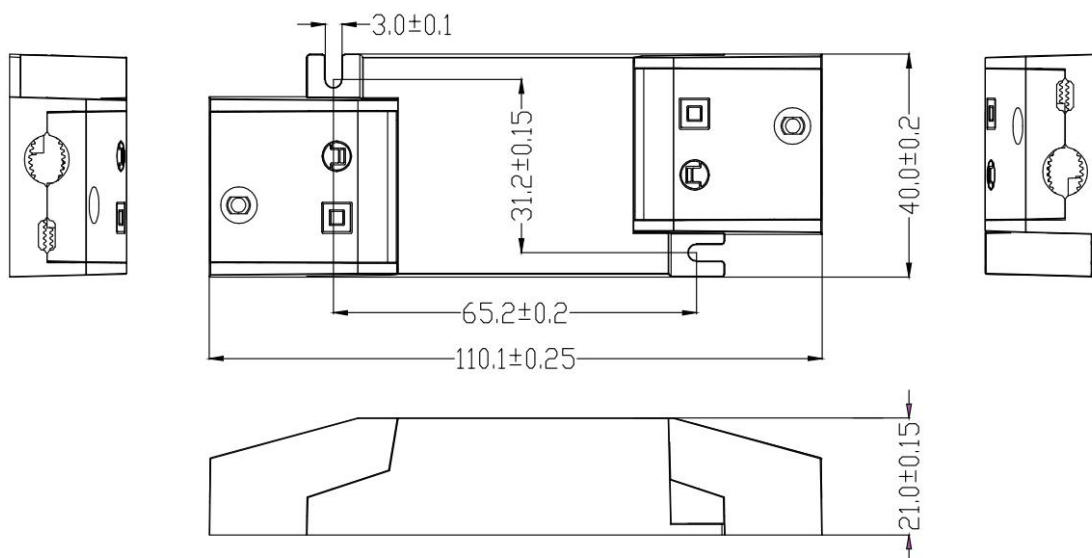
4. Dimension (Unit: mm)

Built in type:



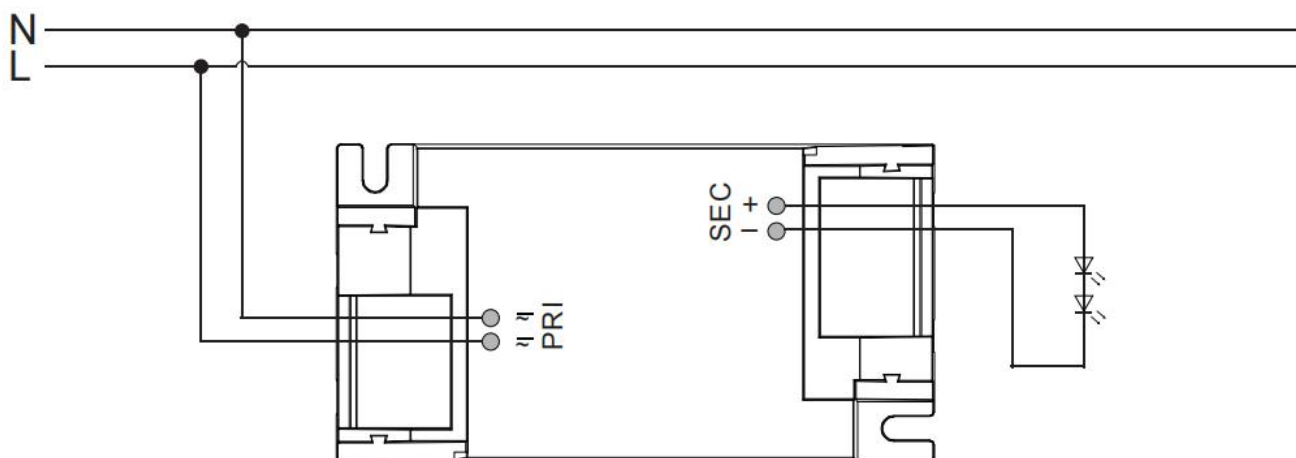
Compatible Strain reliefs:SR_CC_20-28_UNI

Strain reliefs



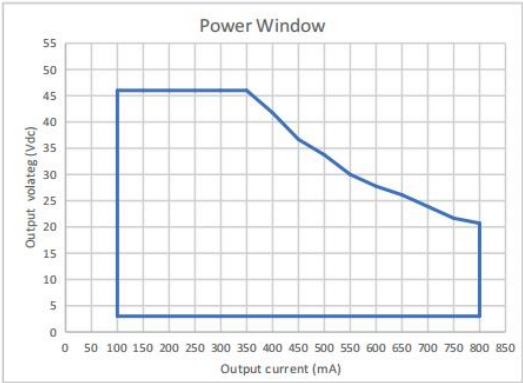
5. Wiring Diagram

100-240 V
0/50/60 Hz



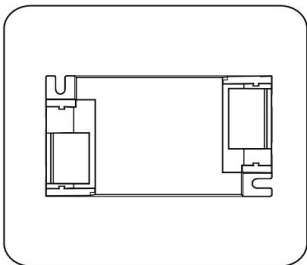
6. Electrical values

1. Operating power windows

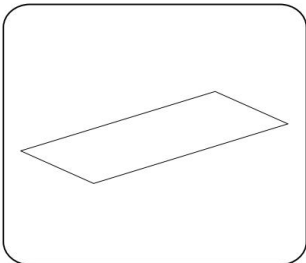


7. Packing information

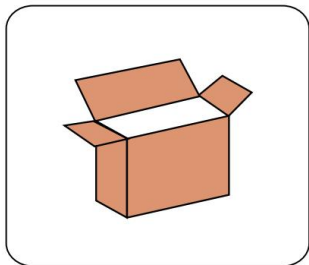
Built-in type



Product



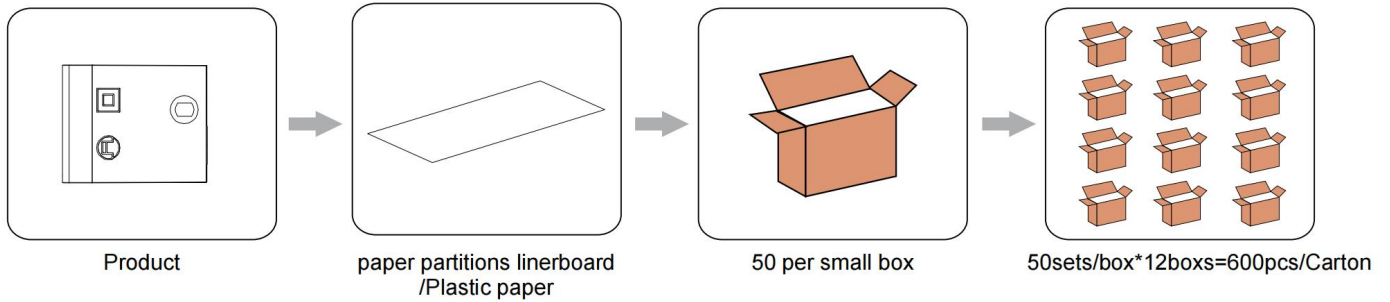
paper partitions linerboard
/Plastic paper



144 per small box

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
315*255*150	144	0.08	12.09	12.58

Strain reliefs



Inner box

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
180*118*75	50	0.007	0.36	0.47

Outer box

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
500*195*245	600	0.007	4.22	5.52

8. Ordering Data

Model No	Item code
CC17W100-800-UNI-NX	158360
SR_CC_20-28_UNI	147831

9. REVISION HISTORY

Date	Revision	Remark
2026.16.03	V0.01	Product release
2026.27.06	V0.02	Add the logo for applying for ENEC certification