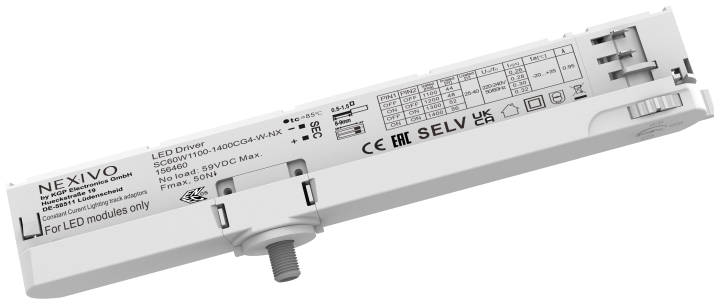




SC60W1100-1400CG4-W-NX

Constant Current Driver

Model: SC60W1100-1400CG4-W-NX



Model	Item Code	Output current	Output power range	PF	Efficiency	Output voltage	No load voltage
SC60W1100-1400CG4-W-NX SC60W1100-1400CG4-B-NX SC60W1100-1400CG4-G-NX	156460	1100mA	27.50-44.00W	0.95	86%	25-40V	59V
		1200mA	30.00-48.00W	0.95	87%	25-40V	59V
	156470	1300mA	32.50-52.00W	0.96	87%	25-40V	59V
	156480	1400mA	35.00-56.00W	0.97	87%	25-40V	59V

* Test result @230V, 50Hz, Full Load.

1. Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	Output Feature	Isolation
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	176-264VAC or 176-280VDC
	Frequency	50/60Hz
	Input Current	≤0.38A (230VAC, full load)
	Input Power	≤64.5W (230VAC, full load)
	Power Factor	≥0.95 (230VAC, full load)
	THD	≤20% (230VAC, full load)
	No-load Power Consumption	≤0.5W @230VAC
Output	Output Voltage Range	25-40VDC
	No Load Voltage	59VDC Max.
	Output Current	1100-1400mA (Max. output)
	Max. Output Power	56W
	Efficiency	≥87% (230VAC, full load)
	Current Ripple(< 120 Hz)	±5% (Imax-Imin)/(Imax+Imin)
	PstLM	≤1
	SVM	≤0.4
	Current Accuracy	±5%
	Started Delay Time	≤0.5S (230VAC, full load)
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery

	No-load Protection	Auto Recovery
	Insulation voltage	3000V 5mA 60S between P-S
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	< 250μA, I/P to O/P or I/P to PE @230V input
Environment	Ta/Operation Temperature	-20 +35℃
	Ts/Storage Temperature	-40 +85℃
	Tc/Enclosure Temperature	85℃
	Humidity	10%....90%RH
	Atmospheric pressure	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Independent
	PRI Wire preparation	0.75-1.5□
	SEC Wire preparation	0.5-1.5□
	Dimension	238 x 31 x 45mm (L*W*H)
Standards	Certification	complied to CE
	Safety Standards	EN 61347-1:2015/A1:2021, EN 61347-2-13:2014/A1:2017,EN 62493:2015
	EMC Standards	EN IEC 55015:2019,EN IEC 55015:2019/A11:2020, EN 61547:2009,EN IEC 61000-3-2:2019, EN 61547:2009,EN IEC 61000-3-3:2013/A1:2019
	Performance	EN 62384:2006/A1:2009
	Surge	L-N/2KV
Others	RoHS	complied to 2011/65/EU
	Life Time	50000h @Ta/ Tc
	Warranty	5years , F.R. < 10000ppm
Remark: 1.All Parameters, if not specified, are measured at 230VAC/50Hz and 25℃ 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.		

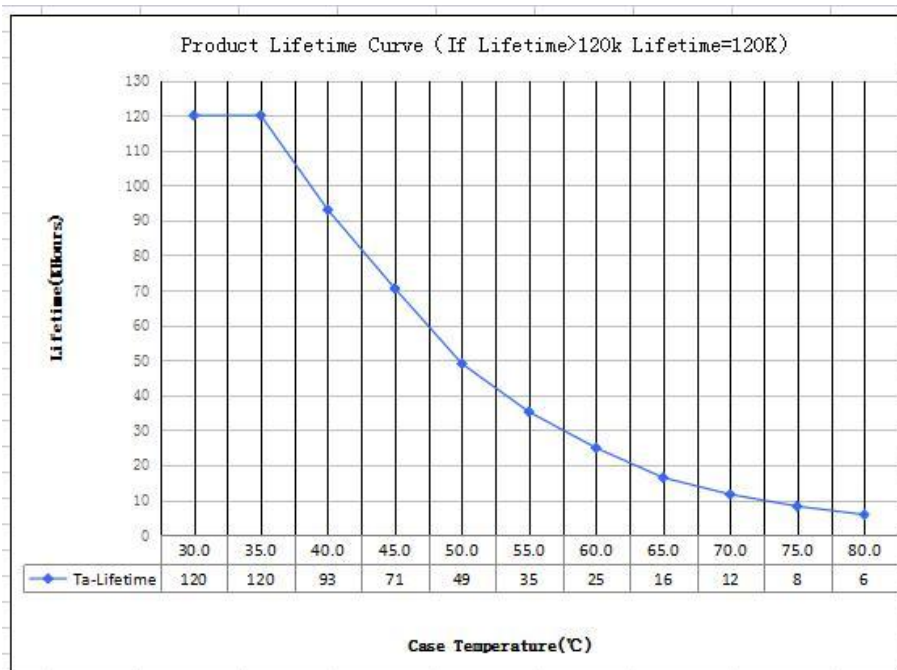
2. Output Current Setting

Output Current	1	2
1100mA	OFF	OFF
1200mA	ON	OFF
1300mA	OFF	ON
1400mA	ON	ON

3. Connected quantities of different current Breaker

Type	Connected quantities of different current Breaker						Input Voltage	Inrush Current	Time
	current(A)	10	13	16	20	25			
	Installation wire diametre	1.5mm ²	2.5mm ²	2.5mm ²	4.0mm ²	4.0mm ²			
TYPE B		33	43	53	67	83	@230VAC	18	2.8
TYPE C		53	69	85	107	133			
TYPE D		85	111	137	171	213			

4. Electrical values



5. Label

NEXIVO
by KGP Electronics GmbH
Hueckstraße 19
DE-58511 Lüdenscheld
Constant Current Lighting track adaptors
For LED modules only

LED Driver
SC60W1100-1400CG4-W-NX
156460
No load: 59VDC Max.
Fmax, 50N+

●tc=85°C
- SEC
+ SEC

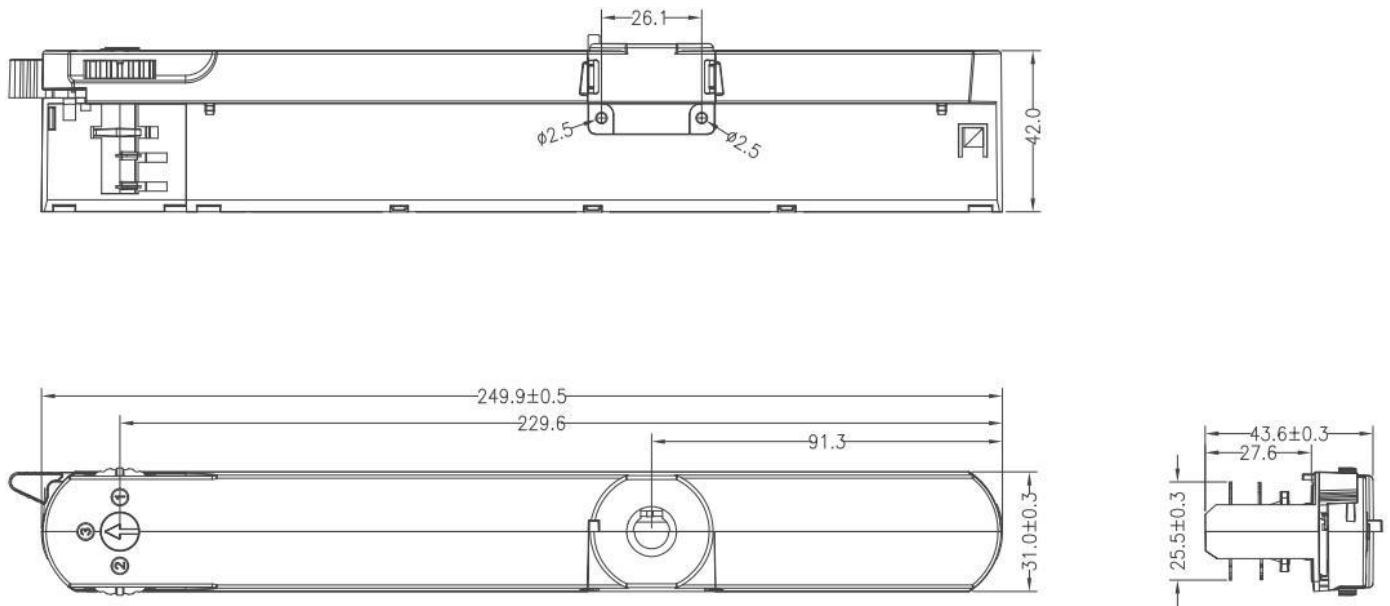
0.5-1.5mm
8-9mm

PIN1	PIN2	Irated [mA]	Prated [W]	Urated [V]	Un/fn	In[A]	ta[°C]	λ
OFF	OFF	1100	44	25-40	220-240V 50/60Hz	0.26	-20...+35	0.95
ON	OFF	1200	48			0.28		
OFF	ON	1300	52			0.30		
ON	ON	1400	56			0.32		

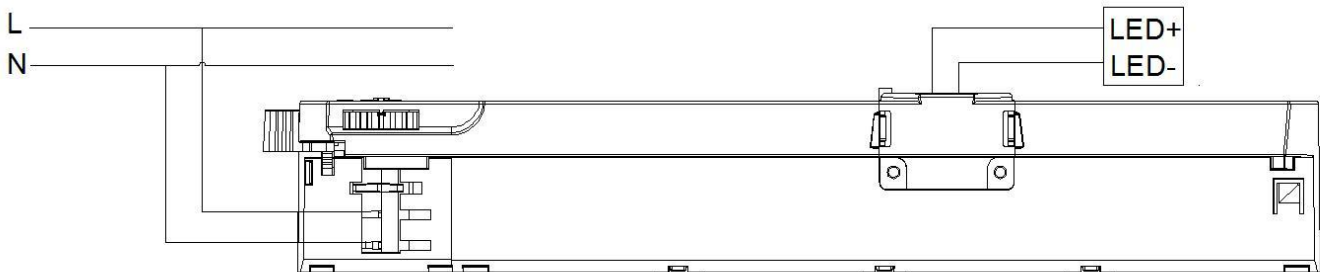
CE ENEC SELV UK CA

Household Use Symbol

6. Dimension



7. Wiring Diagram



8. Packing information

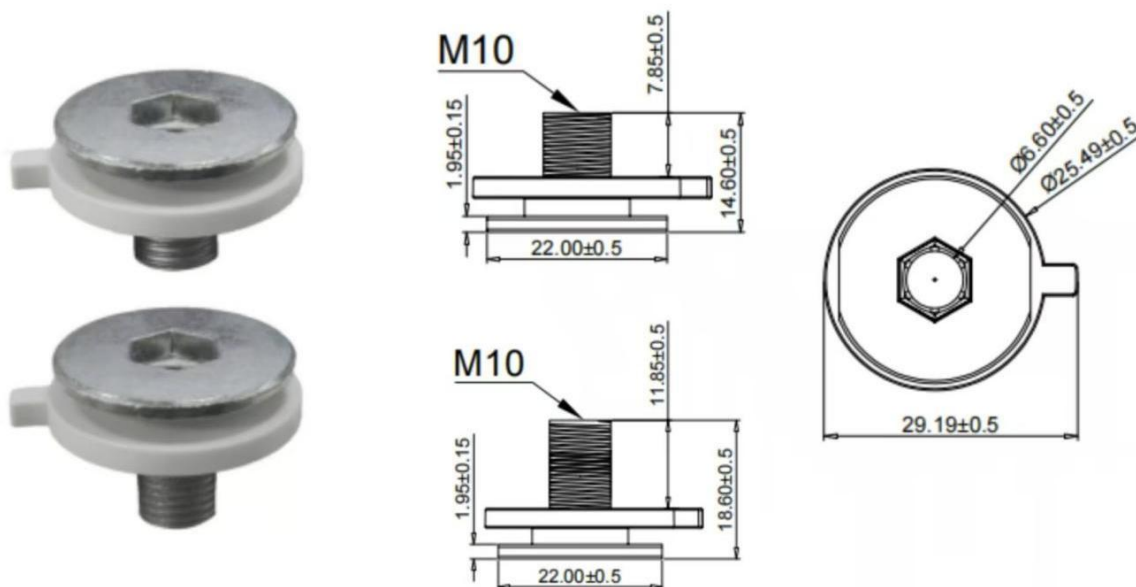
Packing way	Model	Color	Carton L*W*H(mm)	Pcs/ Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
Industrial	SC60W1100-1400CG4-W-NX	White	515*274*370	90	0.156	14.04	15.20
	SC60W1100-1400CG4-B-NX	Black					
	SC60W1100-1400CG4-G-NX	Grey					

9. Ordering data

Model No	Item code
SC60W1100-1400CG4-W-NX	156460
SC60W1100-1400CG4-B-NX	156470
SC60W1100-1400CG4-G-NX	156480
NIP M10x1x8 B G2	142261
NIP M10x1x8 G G2	142271
NIP M10x1x8 W G2	142281
NIP M10x1x12 B G2	142211
NIP M10x1x12 G G2	142221
NIP M10x1x12 W G2	142231

10. Lamp Screw Type

- Optional threaded sleeve for luminaire mounting
- Suitable for M10x1x8 threaded nut
- Additional mounting equipment, e.g. M10x1x12
- aluminium, black, white
- further on request



11. Suitable for following tracks

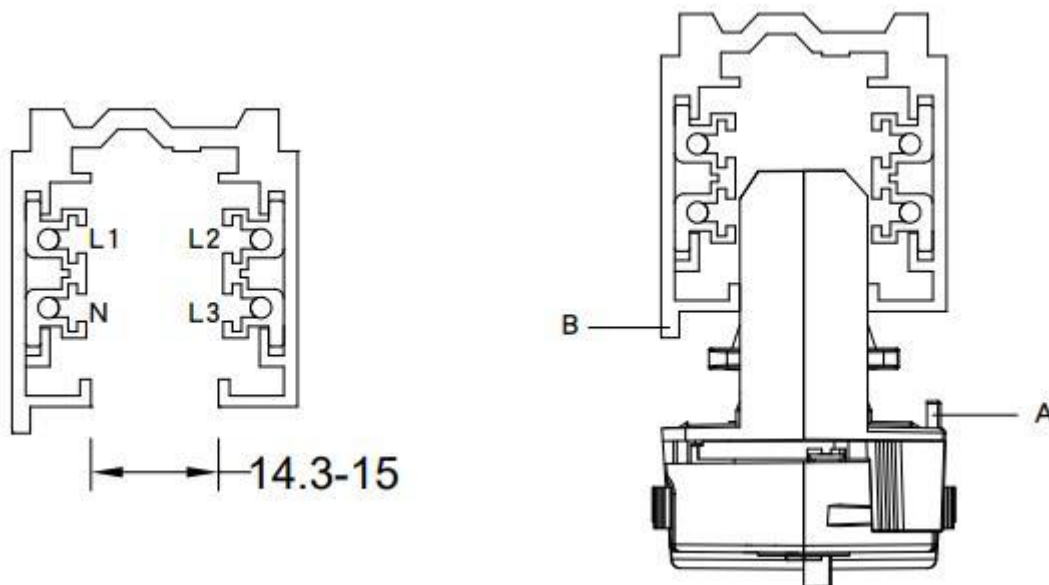
Serial number	Brand	Track model	System
1	Global	XTS11 & XTSC611	3P
2	A.A.G STUCCHI	9000-1-ST	3P
3	Eutrac	25-106	3P
4	Unipro	T32B	3P
5	PowerGEAR	Pro-0410L&Pro-0631	3P
6	ERCO	1079301000	3P
7	BELINIEGRA	4X	3P

Remark:

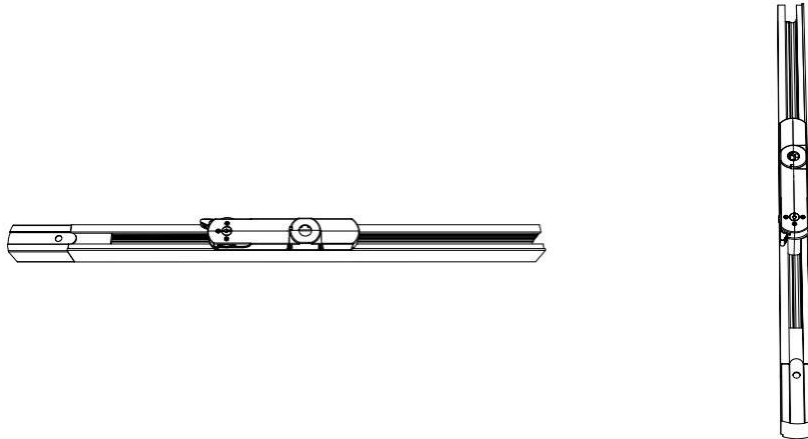
1. The model name is XTS11 and XTSC611 tracks, and its brand is Global.
2. The model name used is the 9000-1-ST track, and its brand is A.A.G STUCCHI.
3. The model name is 25-106 tracks, and its brand is Eutrac.
4. The model name is T32B tracks, and its brand is Unipro.
5. The model name is Pro-0431L and Pro-D631R tracks, and its brand is PowerGEAR.
6. The model name is 1079301000 tracks, and its brand is ERCO.
7. The model name is 4X tracks, and its brand is BELINIEGRA

KGP does not guarantee the compatibility of the tracks and the track-adapter, because manufacturing tolerances of the tracks or changes made at the tracks by the manufacturer could affect the compatibility between the tracks and the adapter

12. Phase track light rail specification:



13. Lighting track adapter and rail system installation diagram:



The adaptor shall be given that the use is limited to the track system specified.

14. Wiring instructions

- All connections must be kept as short as possible to ensure good EMI behaviour
- Mains leads should be kept apart from LED Driver and other leads (ideally 5 – 10 cm distance)
- Advice the maximum length of output wires is 3 m
- Secondary switching is not permitted (Except for constant voltage)
- Incorrect wiring can damage LED modules.
- The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips, louver, etc.)
- Hot plug-in is not supported due to residual output voltage of > 0 V up to mains voltage. Danger to life.
- When connecting an LED load, restart the device to activate the LED output.
- This can be done via mains reset or via interface (DALI, DSI, switch DIM).

15. Replace LED module

- Mains off
- Remove LED module
- Wait for 30 seconds
- Connect LED module again
- Hot plug-in or secondary switching of LEDs is not permitted and may cause a very high current to the LEDs

16. Revision history

Date	Revision	Remark
2026.16.03	V0.01	Product release