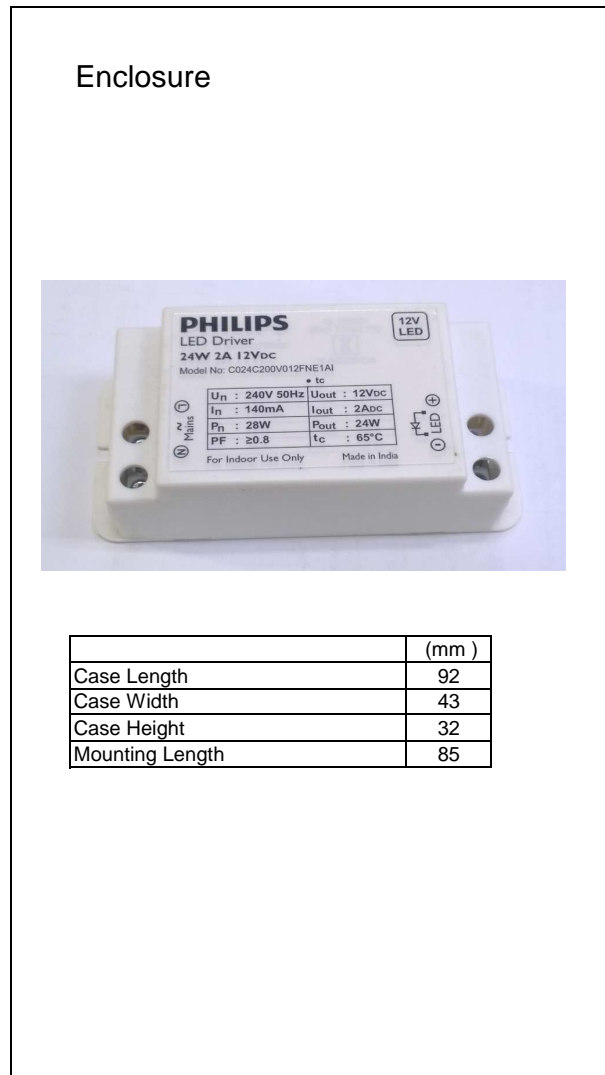
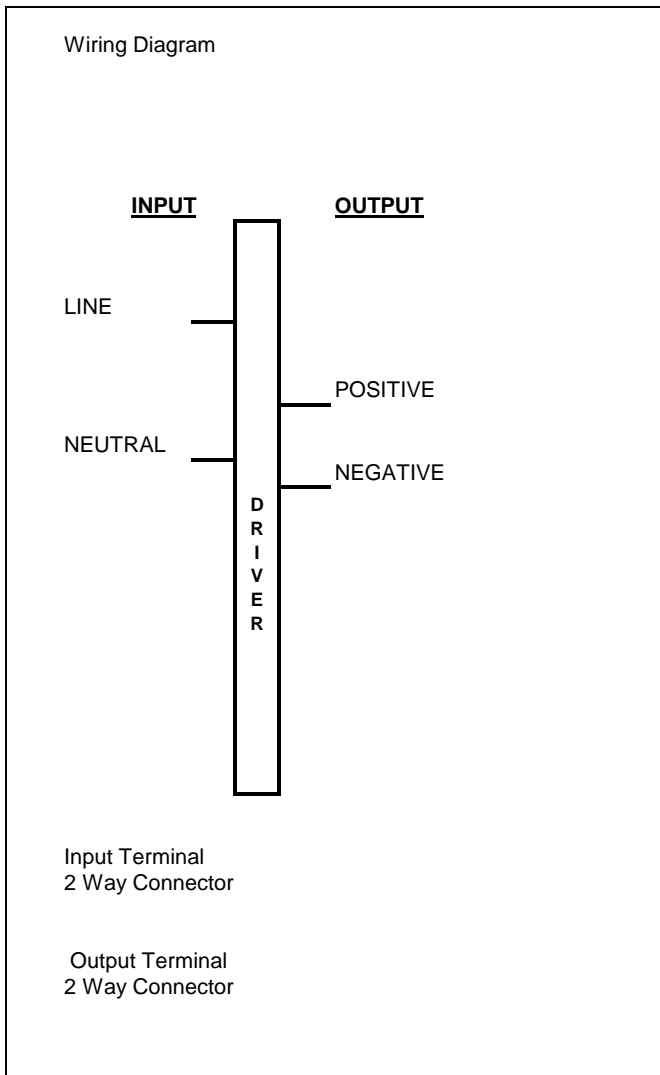


Ordering 12 NC	9290 014 17306
Brand Name	LED Driver
Description	LED Driver 24W 2A 12VDC
Model Number	C024C200V012FNE1AI
Input Voltage	220 - 240V
Input Frequency	50 / 60 Hz
RoHS	Yes
Approbations	IS 15885 (Part 2 / Sec 13)
Status	BIS Certified

Output Power (W)	Output Voltage (VDC)	Output Current (A)	Efficiency at Max Load	Max Case Temp (°C)	Input Current (Arms)	Max Input Power (W)	THD @ Max Load (%)	Power Factor @Max Load	Surge Protection Diff.(KV)	Weight (Kg)	Envir. Protection Rating
24	12	2	240V	65	240V	28	≤ 60 @Max Load	≥ 0.8	2	0.1	IP 20
			86		0.140						



Ordering 12 NC	9290 014 17306
Brand Name	LED Driver
Description	LED Driver 24W 2A 12VDC
Model Number	C024C200V012FNE1AI
Input Voltage	220 - 240V
Input Frequency	50 / 60 Hz
RoHS	Yes
Approbations	IS 15885 (Part 2 / Sec 13)
Status	BIS Certified

PHILIPS IS 15885 (Part 2/Sec 13) **12V LED**

LED Driver

24W 2A 12Vdc R-85000434

Model No: C024C200V012FNE1AI

• tc

U_n : 240V 50Hz	U_{out} : 12Vdc
I_n : 140mA	I_{out} : 2A_{dc}
P_n : 28W	P_{out} : 24W
PF : ≥0.8	t_c : 65°C

⊖ Mains ⊕
⊖ LED ⊕

For Indoor Use Only
Made in India

Product Data	
Full product code	9290 014 17306
Full product name	LED Driver 24W 2A 12VDC
Net weight per piece	100 gms
Dimming	None (FIXED)
Ambient Temp. Range	-10C to + 35C
Line Voltage (AC Nominal)	220 - 240V +/-10%
Line Voltage (AC Operating Range)	140 - 300V
Line Current	0.140A @ 240V
Line Frequency	50 Hz
Envir. Protection Rating	IP 20
Life at Tc 65 drgree C	30000 hrs (nom.)
Suitable For Indoor Use	Yes
Tc - Max.	65°C
Max. Driver number on MCB 16A (Type B)	24 (max.)
Input Over Voltage Protection	Withstands 320V for 48 Hours
	Withstands 350V for 2 Hours
LED Voltage Tolerance	+/- 5%of I _{max}
Output Voltage Ripple	≤ 3% (ripple = pk / avg.)
THD Total	≤ 60% @ Full Load @ 240V Supply
P.F. at Max. Load	≥ 0.8
Isolation (Input - Output)	Basic Isolation
Protection	Short Circuit and Open Circuit Protection for LED + and LED -
Standby Power	≤0.5W

Ordering 12 NC	9290 014 17306
Brand Name	LED Driver
Description	LED Driver 24W 2A 12VDC
Model Number	C024C200V012FNE1AI
Input Voltage	220 - 240V
Input Frequency	50 / 60 Hz
RoHS	Yes
Approbations	IS 15885 (Part 2 / Sec 13)
Status	BIS Certified

Installation & Application Notes :

Section I - Physical Characteristics

- 1.1 LED Driver shall be installed inside / outside an electrical enclosure for indoor application.
- 1.2 Wiring inside electrical enclosure shall comply with 600V/105°C rating or higher

Section II - Performance

- 2.1 LED Driver has a rated lifetime of 30,000 hours @ $T_c \leq 75^\circ\text{C}$
- 2.2 LED Driver tolerates sustained open circuit and short circuit output conditions without damage
- 2.3 LED Driver maximum allowable case temperature is 65°C - see product label for measurement location
- 2.4 LED Driver complies with the requirements of IS 15885 (Part 2 / Sec 13)

ELECTRICAL RATINGS :

Model	Input, 50/60 Hz		Output (nominal)		
	V	A	V DC	A DC	Watts
LED Driver 24W 2A 12VDC	220 - 240	0.14	12	2.0	24

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVES USE) :

Section III - Conditions of acceptability

When installed in the end-use equipment, the following are among the considerations to be made :

- 3.1 The equipment shall be installed in compliance with the enclosure, mounting, spacing, casualty and segregation requirements of the ultimate application.
- 3.2 The driver is suitable for indoor LED Lighting application.
- 3.3 The driver is suitable for use in indoor Dry locations.
- 3.4 When the drivers are installed in the end-use application, the case temperature should not exceed the temperature limits specified in the following table:

Model	Input Voltage, Hz	Max Case @ TC , °C
LED Driver 24W 2A 12VDC	220 - 240 , 50/60	65