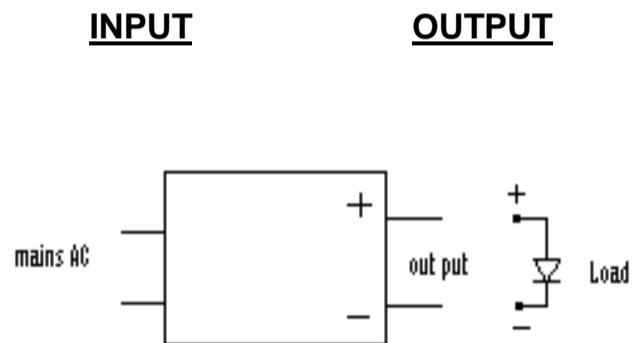


Ordering 12NC	9290 014 18006
Brand Name	CertaDrive
Description	CertaDrive 6W 150mA 240V
Model Number	C006C015V040FNM1AI
Input Voltage	240V
Input Frequency	50 Hz
RoHS	Yes
Approbations	IS 15885 ( Part 2 / Sec 13 )
Status	RO

Output Power (W)	Output Voltage (V)	Output Current (A)	Efficiency at Max Load	Max Case Temp (°C)	Input Current (Arms)	Max Input Power (W)	Isolation ( Input - Output )	THD @ Max Load (%)	Power Factor @Max Load	Surge Protection (KV)	Weight (Kg)	Envir. Protection Rating
6	27 - 40	0.150	240V	75	240V	8	Isolated Driver	≤ 160@Max Load	≥ 0.5	2.0	0.025	IP 20
			70		0.055							

## Wire Diagram



### Input Wire

Mains ( L-N )	White
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### Output Wire



LED +ve	Red
LED -ve	Black

## Enclosure



	(mm )
Case Length	55
Case Width	28
Case Height	21
Mounting Length	48



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150  
mA


**PHILIPS**  
**CertaDrive**

Model No: C006C015V040FNM1AI

Un : 240V 50Hz	Io : 150mA
Pn : 8W	Uo : 27 - 40V
In : 55mA	Po : 6W
PF : ≥0.5	tc : 75°C max

Product Data	
Full product code	9290 014 18006
Full product name	CertaDrive 6W 150mA 240V
Net weight per piece	25 gms
Dimming	None ( FIXED )
Ambient Temp. Range	0°C to + 45°C
Line Voltage ( AC Nominal)	220 - 240V +/-10%
Line Voltage ( AC Operating Range)	170 - 280V
Line Current	0.055A @ 240V
Line Frequency	50 Hz
Envir. Protection Rating	IP 20 ( For Indoor use only )
Life at Tc 65 drgree C	30000 hrs ( nom. )
Tc - Max.	75°C
Input Over Voltage	Can Survive input Voltage Stress of 320V for 48 hours
	Can Survive input Voltage Stress of 360V for 2 hours
LED Current Tolerance	+/- 10%of Imax
THD Total	≤ 160% @ Full Load @ 240V Supply
P.F. at Max. Load	≥ 0.5
Isolation ( Input - Output )	Isolated
Protection	Short Circuit and Open Circuit Protection for LED + and LED -
Standby Power	≤0.5W

Ordering 12NC	9290 014 18006
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Input Voltage	240V
Input Frequency	50 Hz
RoHS	Yes
Approbations	IS 15885 ( Part 2 / Sec 13 )
Status	RO

## Installation & Application Notes :

### Section I - Physical Characteristics

- 1.1 LED Driver shall be installed inside an electrical enclosure
- 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  $75^\circ\text{C}$  - 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 Hz		Output ( nominal )		
	V	A	V DC	A DC	Watts
CertaDrive 6W 150mA 240V	220 - 240	0.055	27 - 40	0.150	6

## 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 application only.
- 3.3 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
CertaDrive 6W 150mA 240V	220 - 240 , 50	75