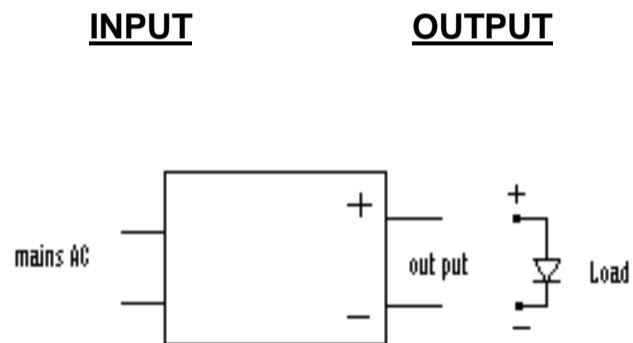


Ordering 12NC	9290 014 18106
Brand Name	CertaDrive
Description	CertaDrive 3W 300mA 240V
Model Number	C003C030V010FNM1A1
Input Voltage	240V
Input Frequency	50 Hz
RoHS	Yes
Approbations	IS 15885 (Part 2 / Sec 13)
Status	RO

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
3	3 - 10	0.300	240V	75	240V	4.5	Isolated Driver	≤ 170@Max Load	≥ 0.5	2.0	0.025	IP 20
			70		0.040							

Wire Diagram



Input Wire

Mains (L-N)	White
---------------	-------

Output Wire

LED +ve	Red
LED -ve	Black

Enclosure



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

Ordering 12NC	9290 014 18106
Brand Name	CertaDrive
Description	CertaDrive 3W 300mA 240V
Model Number	C003C030V010FNM1AI
Input Voltage	240V
Input Frequency	50 Hz
RoHS	Yes
Approbations	IS 15885 (Part 2 / Sec 13)
Status	RO


•tc

PHILIPS


CertaDrive

Model No: C003C030V010FNM1AI

Un : 240V 50Hz	
Pn : 4.5W	PF : 0.5
In : 0.04A	
Po : 3W	Io : 0.3A
Uo : 3 - 10V	



IS 15885
(Part 2/Sec 13)



R-85000434

Product Data	
Full product code	9290 014 18106
Full product name	CertaDrive 3W 300mA 240V
Net weight per piece	25 gms
Dimming	None (FIXED)
Ambient Temp. Range	0°C to + 50°C
Line Voltage (AC Nominal)	220 - 240V +/-10%
Line Voltage (AC Operating Range)	170 - 280V
Line Current	0.040A @ 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	≤ 170% @ 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 18106
Brand Name	CertaDrive
Description	CertaDrive 3W 300mA 240V
Model Number	C003C030V010FNM1AI
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°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 3W 300mA 240V	220 - 240	0.04	3 - 10	0.300	3

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 3W 300mA 240V	220 - 240 , 50	75