



# SmartMate

## SMARTMATE ELE BALLAST (2) 40W CFL (4-PIN) 120-277V

Offering maximum versatility, the Philips Advance family of SmartMate ballasts for 4-pin compact fluorescent lamps drive a broad range of quad and triple-tube, circline, 2D, and long twin-tube lamps. SmartMate ballasts' energy efficient design, compact and lightweight housing, and user-friendly features make these ballasts an ideal choice for fixture manufacturers, retrofitters, and MRO replacement.

### Product data

| General Information           |                        |
|-------------------------------|------------------------|
| Lamp Type                     | FT40W/2G11             |
| Number of Lamps               | 1/2 piece/unit         |
| Ballast Type                  | Electronic Fluorescent |
| Base Model                    | ICN2TTP40SC            |
| Suitable For Outdoor Use      | Yes                    |
| Automatic Restart             | Yes                    |
| Operating and Electrical      |                        |
| Input Voltage                 | 120 to 277 V           |
| Input Frequency               | 50 to 60 Hz            |
| Total Harmonic Distortion USA | 10 %                   |
| Ignition Method               | Instant Start          |
| Crestfactor (Nom)             | 1.7                    |
| Ignition Time (Nom)           | 0.1 s                  |
| Ballast Factor (Nom)          | 0.88                   |
| Power Factor (Nom)            | 0.98                   |
| Input Current (Max)           | 0.57 A                 |
| Input Current (Min)           | 0.25 A                 |
| Input Power (Nom)             | 68-67 W                |

| Rated Lamp Power                         | 40 W           |
|--|----------------|
| Wiring                                   |                |
| Color Input Terminals                    | No terminals   |
| Color Output Terminals                   | No terminals   |
| Wire Striplength                         | 0.50/0.375 mm  |
| Lamp Connection                          | Parallel       |
| Wire Length by Color                     | See data sheet |
| Wire Gauge (Nom)                         | 18AWG mm       |
| Wire Type                                | Solid          |
| Remote Wiring Configuration Allowed      | Yes            |
| Tandem Wiring Configuration Allowed      | Yes            |
| Through Wiring Configuration Allowed     | Yes            |
| Max Ballast-Lamp Distance Remote Wiring  | 20'            |
| Max Ballast-Lamp Distance Tandem Wiring  | Any = 20'      |
| Max Ballast-Lamp Distance Through Wiring | Any = 20'      |
| Connector Type                           | No connector   |
| Temperature                              |                |
| T-Case Maximum (Nom)                     | 70 °C          |

## Mechanical and Housing

|                    |                     |
|--------------------|---------------------|
| Housing Material   | Metal               |
| Housing            | SC                  |
| Housing Dimensions | 9.5" x 1.7" x 1.18" |

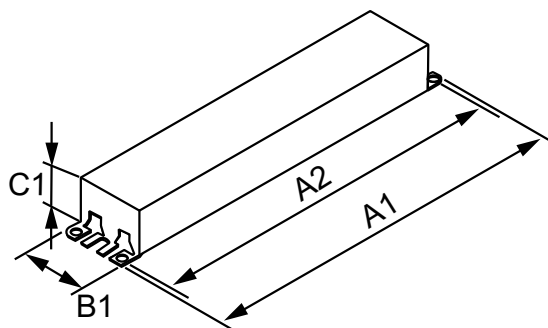
## Approval and Application

|                       |  |
|-----------------------|--|
| EMC Immunity Standard | FCC Non-Consumer   |
| Approval Marks        | CSA certificate UL certificate CEC Listing<br>RoHS Compliant |
| Hum And Noise Level   | A  |
| UL Recognized         | No   |

## Product Data

|                                 |   |
|---------------------------------|---|
| Order product name              | SMARTMATE ELE BALLAST (2) 40W CFL<br>(4-PIN) 120-277V |
| EAN/UPC - Product               | 781087065341  |
| Order code                      | 502708  |
| Local order code                | 502708  |
| Numerator - Quantity Per Pack   | 1   |
| Numerator - Packs per outer box | 10  |
| Material Nr. (12NC)             | 913710835501  |
| Net Weight (Piece)              | 531.000 g   |

## Dimensional drawing



ELE BALLAST (2) 40W CFL (4-PIN) 120-277V

| Product   | A1     | A2      | B1     | C1      |
|---|--------|---------|--------|---------|
| SMARTMATE ELE BALLAST (2) 40W CFL (4-PIN)<br>120-277V | 9.5 in | 8.90 in | 1.7 in | 1.18 in |

