# Save It Easy®

## The Ultimate Plug & Save e-Ballast

# S02 series

- Energy Saving up to 35%
- High Investment Return
- Quick & Simple Installation
- 1 minute Retrofitting
- No Wiring Cost
- Non-Disruptive
- User Friendly
- Reversible Retrofit
- Option Attachments
- Low Ballast Lost
- High Frequency Operation
- High Power Factor
- Lower Total Harmonic Distortion
- No Flickering
- Quite Operation
- Safety Requirements Complied
- EMC Requirements Complied

### PACKAGE CONTENTS

- Main Body
- Connection Unit
- Hanging Clip
- **Save It Easy®** STARTER
- Starter Holder
- Instruction Menu
- Serial Code for Warranty Registration

### WEIGHT

- Approx. 85g

### DIMENSIONS

- Approx. 178mm x 29mm x 51mm

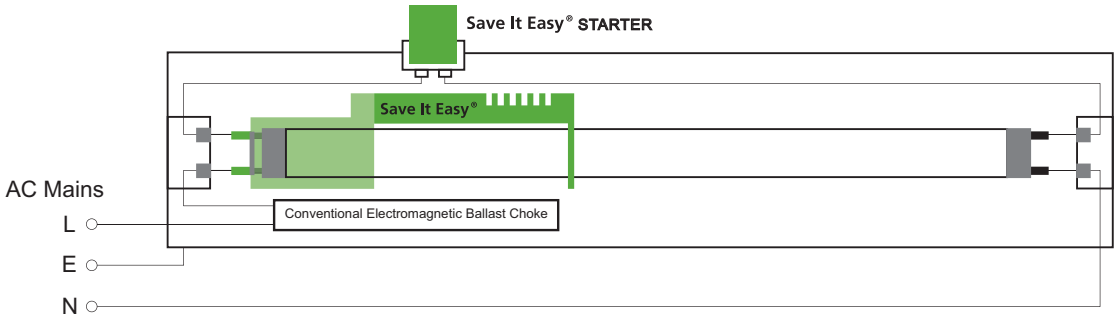
### ACCESSORIES

- Power Line Dimmer : S02-PLD
- Dip Switch Dimmer : S02-DSD
- Motion Sensor : S02-MS1
- Connection Unit : S02-EPG
- **Save It Easy®** Starter : Type 501

### INTERNATIONAL STANDARDS

- IEC61347-1 IECEE CB Scheme
  Lamp Control Gear (General & Safety Requirements)
- IEC61347-2-3 IECEE CB Scheme
  Lamp Control Gear (Particular Requirements for A.C. - Supplied Electronic Ballast for Fluorescent Lamps)
- IEC60929
  Performance Requirements for A.C. - Supplied Electronic Ballast for Tubular Fluorescent Lamps
- IEC61547
  EMC Immunity Standard
- IEC55015
  Limits of Radio Disturbance of Electrical Lighting
- IEC610000-3-2
  EMC Limits for Harmonic Current Emissions
- IEC61000-3-3
  Limitation of Voltage Fluctuations and Flicker in Low-voltage supply

### CONNECTION DIAGRAM




### OPERATION SPECIFICATIONS

| **Save It Easy®** Model No. | Lamp Type | Input Power | Input Current | Input Voltage | Operating Frequency | Power Factor | Lamp Power | EEI |
|---|---|---|---|---|---|---|---|---|
| S02-220-018-EPG | 1 x 18W T8 FTL | 18.0W | 0.09A | 220V +/- 10% | 25kHz | 0.93 | 16W | A2 |
| S02-220-036-EPG | 1 x 36W T8 FTL | 35.0W | 0.18A | 220V +/- 10% | 25kHz | 0.97 | 32W | A3 |
| S02-220-058-EPG | 1 x 58W T8 FTL | 55.0W | 0.27A | 220V +/- 10% | 25kHz | 0.97 | 50W | A3 |
| S02-230-018-EPG | 1 x 18W T8 FTL | 18.0W | 0.09A | 230V +/- 10% | 25kHz | 0.93 | 16W | A2 |
| S02-230-036-EPG | 1 x 36W T8 FTL | 35.0W | 0.17A | 230V +/- 10% | 25kHz | 0.97 | 32W | A3 |
| S02-230-058-EPG | 1 x 58W T8 FTL | 55.0W | 0.26A | 230V +/- 10% | 25kHz | 0.97 | 50W | A3 |
| S02-240-018-EPG | 1 x 18W T8 FTL | 18.0W | 0.08A | 240V +/- 10% | 25kHz | 0.93 | 16W | A2 |
| S02-240-036-EPG | 1 x 36W T8 FTL | 35.0W | 0.16A | 240V +/- 10% | 25kHz | 0.97 | 32W | A3 |
| S02-240-058-EPG | 1 x 58W T8 FTL | 55.0W | 0.25A | 240V +/- 10% | 25kHz | 0.97 | 50W | A3 |

### TECHNICAL VALUES

| **Save It Easy®** Model No. | Ambient Temperature Range | Max. Temp. at tc point | Input Voltage Tolerance for Safety | Over Voltage Protection | Wiring of **Save It Easy®** |
|---|---|---|---|---|---|
| S02-220-018-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |
| S02-220-036-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |
| S02-220-058-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |
| S02-230-018-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |
| S02-230-036-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |
| S02-230-058-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |
| S02-240-018-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |
| S02-240-036-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |
| S02-240-058-EPG | 0 - 40ºC | 75ºC | 176V - 264V | 3hrs at 280$V_{AC}$ | not required |

*Subject to change without notice • Errors & omissions are expected*

ENERGY CONSERVATION

PLUG & SAVE

5 PINS ATTACHMENTS

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