



## Product data

| Specification item | Value            | Unit |
|--------------------|------------------|------|
| Product name       | MPSE 55/350 SLIM |      |
| Order code         | 127524           |      |
| EAN (GTIN)         | 8010703392960    |      |
| Pieces per box     | 84               |      |
| Product weight     | 112              | Gr   |
| Made in            | Italy            |      |

## Electrical input data

| Specification item        | Value     | Unit | Condition                             |
|---------------------------|-----------|------|---------------------------------------|
| Rated input voltage       | 220...240 | Vac  |                                       |
| Input voltage AC range    | 198...264 | Vac  |                                       |
| Input voltage DC range    | 176...276 | Vdc  | Factory default 100%<br>EOFi= 1       |
| Rated input frequency     | 50...60   | Hz   |                                       |
| Rated input current       | 0,262     | A    | Referred to Vin = 230 V,<br>100% load |
| Rated input power         | 59,3      | W    | Referred to Vin = 230V,<br>100% load  |
| Power factor              | 0,95      | λ    | Pout > 27W                            |
| THD                       | < 15      | %    | Referred to Vin = 230 V,<br>100% load |
| Efficiency                | 94        | %    | Referred to Vin = 230 V,<br>100% load |
| Isolation input to output | NOT-SELV  |      |                                       |

## Electrical output data

| Specification item              | Value            | Unit | Condition |
|---------------------------------|------------------|------|-----------|
| Regulation method               | Constant Current |      |           |
| Output voltage                  | 40...260         | Vdc  |           |
| Output voltage max.             | 340              | V    | Open load |
| Output current                  | 100...350        | mA   |           |
| Output current min programmable | 100              | mA   |           |
| Output current tolerance +/-    | 5/10             | %    |           |
| Output power                    | 7...55           | W    |           |
| Output current ripple           | < 3              | %    |           |
| Output Pst LM                   | 1                |      |           |
| Output SVM                      | 0,4              |      |           |

## Operating window 230V

| Pout W | Vout DC  | Iout mA |
|--------|----------|---------|
| 26     | 70...260 | 100     |
| 30,5   | 60...260 | 117     |
| 35     | 60...260 | 134     |
| 39     | 60...260 | 150     |
| 43,5   | 60...260 | 167     |
| 48     | 60...260 | 184     |
| 52     | 40...260 | 200     |
| 55     | 40...253 | 217     |
| 55     | 40...235 | 234     |
| 55     | 40...220 | 250     |
| 55     | 40...206 | 267     |
| 55     | 40...194 | 284     |
| 55     | 40...183 | 300     |
| 55     | 40...174 | 317     |
| 55     | 40...165 | 334     |
| 55     | 40...158 | 350     |

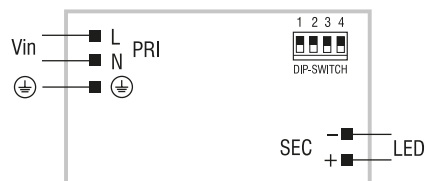
## Electrical data controls input

| Specification item | Value    | Unit | Condition |
|--------------------|----------|------|-----------|
| Control method     | ON - OFF |      |           |
| Dimming range      |          | %    |           |

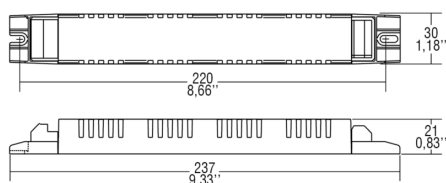
## Wiring and connections

| Specification item         | Value               | Unit                  | Condition                                                   |
|----------------------------|---------------------|-----------------------|-------------------------------------------------------------|
| Input wire cross section   | 0.2...1.5 / 24...15 | mm <sup>2</sup> / AWG |                                                             |
| Input wire strip length    | 7.5...8.5           | mm                    |                                                             |
| Output wires cross section | 0.2...1.5 / 24...15 | mm <sup>2</sup> / AWG |                                                             |
| Output wire strip length   | 7.5...8.5           | mm                    |                                                             |
| Max. cable length          |                     | cm                    | For additional details for regulations see pages info 12-14 |

## Wiring diagram



## Dimensions



## Insulation

| Insulation | Output        | Controls | Earth |
|------------|---------------|----------|-------|
| Input      | Not insulated | N/A      | Basic |

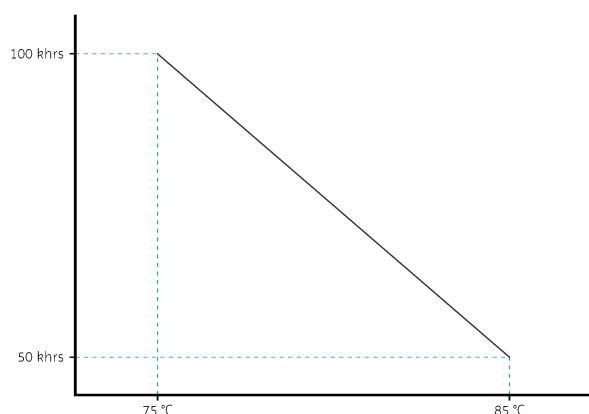
## Operation temperatures and humidity

| Specification item          | Value    | Unit | Condition                                            |
|-----------------------------|----------|------|------------------------------------------------------|
| Ambient temperature         | -25...50 | °C   |                                                      |
| T <sub>c</sub>              | 85       | °C   | Maximum temperature measured at T <sub>c</sub> point |
| Maximum housing temperature | 110      | °C   | In case of failure                                   |

## Storage temperature and humidity

| Specification item  | Value    | Unit | Condition      |
|---------------------|----------|------|----------------|
| Ambient temperature | -30...85 | °C   |                |
| Relative humidity   | 5...85   | %    | Non condensing |

## Temperature/Life



## Programmable features

| Specification item                  | Available  | Default setting | Condition |
|-------------------------------------|------------|-----------------|-----------|
| Set Adjustable Output Current (AOC) | DIP-SWITCH | 100mA           |           |

## Features

| Specification item                          | Value   | Condition |
|---------------------------------------------|---------|-----------|
| Open load                                   | Yes     |           |
| Short circuit                               | Yes     |           |
| Over load and thermal protection            | Yes     | C.5.a     |
| Hot plug                                    | No      |           |
| Suitable for fixtures with protection class | class I |           |

## In rush current

| Specification item       | Value    | Unit     | Condition |
|--------------------------|----------|----------|-----------|
| In rush current          | 45 / 100 | A / usec |           |
| Drivers / MCB 16A type B | 30       | pcs      |           |

## Driver touch current / protective conductor current

| Specification item                   | Value | Unit | Condition |
|--------------------------------------|-------|------|-----------|
| Typical Protective Conductor Current | 0,07  | mA   |           |

## Surge immunity

| Specification item                | Value | Unit | Condition |
|-----------------------------------|-------|------|-----------|
| Mains surge immunity (diff. mode) | 2     | kV   |           |
| Mains surge immunity (comm. mode) | 4     | kV   |           |

## Application info

| Specification item | Value                      |
|--------------------|----------------------------|
| Approval marks     | CE ENEC EAC RCM UKCA       |
| Application        | Indoor linear not dimmable |
| Mounting type      | Built-in                   |

## Performance curves

