



## Product data

Specification item	Value	Unit
Product name	MPSE 55/350 SLIM	
Order code	127524	
EAN (GTIN)	8010703392960	
Pieces per box	84	
Product weight	140	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% EOFi= 1
Rated input frequency	50...60	Hz	
Rated input current	0,262	A	Referred to Vin = 230 V, 100% load
Rated input power	59,3	W	Referred to Vin = 230V, 100% load
Power factor	0,95	$\lambda$	Pout > 27W
THD	< 10	%	Referred to Vin = 230 V, 100% load
Efficiency	94	%	Referred to Vin = 230 V, 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		

## Label

Labels are for illustrative purposes only and may differ from the actual product

**MPSE 55/350 SLIM**  
AC/DC P/S for LED  
L47/25-02 cod. 127524

PRI: 220-240V~ 50-60Hz Imax=0,31A  
λ = 0,7 C - 0,98 (0,95@Po≥27W)  
SEC: 100-350mA; Prated= 7-55W; Uout= 340V ---  
ta= -25...50°C; tc= 85°C  
176-276V --- emer. application; Imax=0,35A; Uout=420V ---

SEC	Vo	Pomax	1	2	3	4	SEC	Vo	Pomax	1	2	3	4
100 mA	70-260V	26 W	-	-	-	-	234 mA	40-235V	55 W	ON	-	-	-
117 mA	60-260V	30,5 W	-	-	-	ON	250 mA	40-220V	55 W	ON	-	-	ON
134 mA	60-260V	35 W	-	-	ON	-	267 mA	40-206V	55 W	ON	-	ON	-
150 mA	60-260V	39 W	-	-	ON	ON	284 mA	40-194V	55 W	ON	-	ON	ON
167 mA	60-260V	43,5 W	-	ON	-	-	300 mA	40-183V	55 W	ON	ON	-	-
184 mA	60-260V	48 W	-	ON	-	ON	317 mA	40-174V	55 W	ON	ON	-	ON
200 mA	40-260V	52 W	-	ON	ON	-	334 mA	40-165V	55 W	ON	ON	ON	-
217 mA	40-253V	55 W	-	ON	ON	ON	350 mA	40-158V	55 W	ON	ON	ON	ON

ON 0000  
SW1 1 2 3 4  
110 EL  
SEC +

Before use, always check SW1 dipswitch settings

## 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		%	

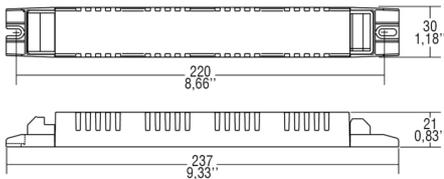
## Wiring and connections

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	Max. LED distance see page info 8

## Wiring diagram



## Dimensions



## Insulation

Specification item	Output	Controls	Earth
Input	Not insulated	N/A	Basic

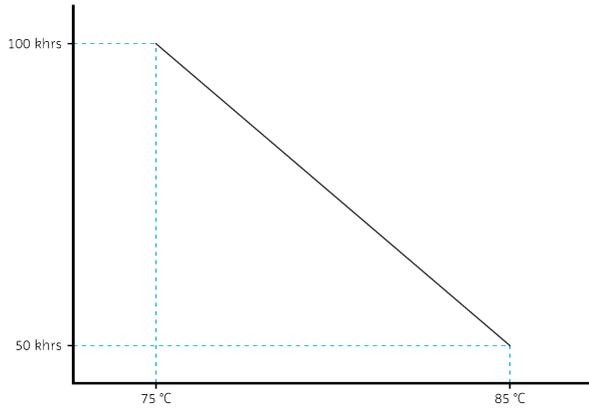
## Operation temperatures and humidity

Specification item	Value	Unit	Condition
Ambient temperature	-25...50	°C	
Tc	85	°C	Maximum temperature measured at Tc 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**

