



Product data

Specification item	Value	Unit
Product name	MPSE 40/350 SLIM	
Order code	127527	
EAN (GTIN)	8010703861398	
Pieces per box	84	
Product weight	100	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	0,195	A	Referred to Vin = 230 V, 100% load
Rated input power	44,01	W	Referred to Vin = 230V, 100% load
Power factor	0,95	λ	Pout > 19W
THD	< 15	%	Referred to Vin = 230 V, 100% load
Efficiency	92	%	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	20...120	Vdc	
Output voltage max.	330	V	Open load
Output current	200...350	mA	
Output current min programmable	200	mA	
Output current tolerance +/-	5/10	%	
Output power	6...40	W	
Output current ripple	< 3	%	
Output Pst LM	1		
Output SVM	0,4		

Label

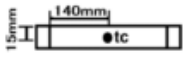
Labels are for illustrative purposes only and may differ from the actual product



MADE IN ITALY
via Parma 14, 21047 Saronno(VA)
Italy, www.tci.it, tci@tci.it

PRI: 220-240V~ 50-60Hz Imax=0,23A
 $\lambda_c = 0,8 \text{ C} - 0,98 (0,95 @ P_{o \geq 19W})$
SEC: 200-350mA; Prated= 6-40W; Uout= 330V ---
ta= -25...60°C; tc= 85°C
176-276V --- emer. application; Imax=0,26A; Uout=420V ---

MPSE 40/350 SLIM
AC/DC P/S for LED
T47/25-02 cod. 127527

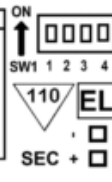


0,2 - 1,5
8,5 - 9,5mm

ERC UK
GMA-510630

SEC	Vo	Pomax	1	2	3	4
200 mA	30-120V	24 W	-	-	-	-
210 mA	30-120V	25,2 W	-	-	-	ON
220 mA	30-120V	26,4 W	-	-	ON	-
230 mA	30-120V	27,6 W	-	-	ON	ON
240 mA	30-120V	28,8 W	-	ON	-	-
250 mA	30-120V	30 W	-	ON	-	ON
260 mA	30-120V	31,2 W	-	ON	ON	-
270 mA	30-120V	32,4 W	-	ON	ON	ON
280 mA	20-120V	33,6 W	ON	-	-	-
290 mA	20-120V	34,8 W	ON	-	-	ON
300 mA	20-120V	36 W	ON	-	ON	-
310 mA	20-120V	37,2 W	ON	-	ON	ON
320 mA	20-120V	38,4 W	ON	ON	-	-
330 mA	20-120V	39,6 W	ON	ON	-	ON
340 mA	20-118V	40 W	ON	ON	ON	-
350 mA	20-115V	40 W	ON	ON	ON	ON

Before use, always check SW1 dipswitch settings



ON
SW1 1 2 3 4
110 EL
SEC +

Operating window 230V

Pout W	Vout DC	Iout mA
24	30...120	200
25,2	30...120	210
26,4	30...120	220
27,6	30...120	230
28,8	30...120	240
30	30...120	250
31,2	30...120	260
32,4	30...120	270
33,6	20...120	280
34,8	20...120	290
36	20...120	300
37,2	20...120	310
38,4	20...120	320
39,6	20...120	330
40	20...118	340
40	20...115	350

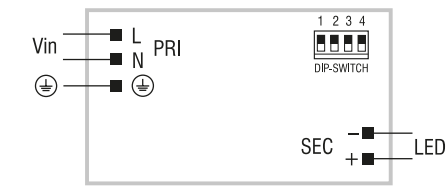
Electrical data controls input

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

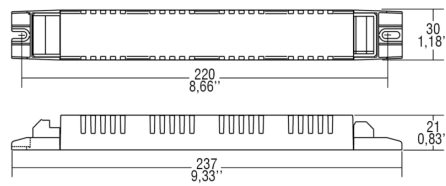
Wiring and connections

Specification item	Value	Unit	Condition
Input wire cross section	0.2...1.5 / 24...15	mm ² / AWG	
Input wire strip length	7.5...8.5	mm	
Output wires cross section	0.2...1.5 / 24...15	mm ² / AWG	
Output wire strip length	7.5...8.5	mm	
Max. cable length		cm	Max. LED distance see page info 8

Wiring diagram



Dimensions



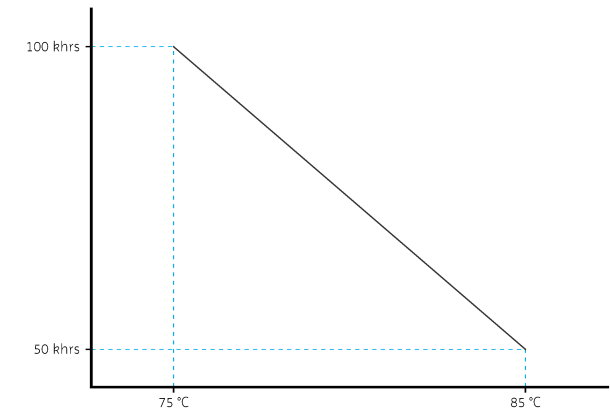
Insulation

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

Operation temperatures and humidity

Specification item	Value	Unit	Condition
Ambient temperature	-25...60	°C	
Tc	85	°C	Maximum temperature measured at Tc point
Maximum housing temperature	110	°C	In case of failure

Temperature/Life



Storage temperature and humidity

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

Programmable features

Specification item	Available	Default setting	Condition
Set Adjustable Output Current (AOC)	DIP-SWITCH	200mA	

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/II	

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

