



Product data

Specification item	Value	Unit
Product name	MPSE 40/700 SLIM	
Order code	127523	
EAN (GTIN)	8010703880528	
Pieces per box	84	
Product weight	102	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	0,198	A	Referred to Vin = 230 V, 100% load
Rated input power	44,60	W	Referred to Vin = 230V, 100% load
Power factor	0,95	λ	Pout > 19W
THD	< 15	%	Referred to Vin = 230 V, 100% load
Efficiency	91	%	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...80	Vdc	
Output voltage max.	330	V	Open load
Output current	325...700	mA	
Output current min programmable	325	mA	
Output current tolerance +/-	5/10	%	
Output power	10...40	W	
Output current ripple	< 3	%	
Output Pst LM	1		
Output SVM	0,4		

Label

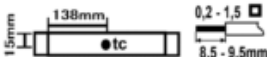
Labels are for illustrative purposes only and may differ from the actual product



MADE IN ITALY
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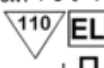
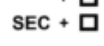
PRI: 220-240V~ 50-60Hz Imax=0,23A
λ_c = 0,9 C - 0,98 (0,95@Po≥19W)
SEC: 325-700mA; Prated= 9,75-40W; Uout= 330V ---
ta= -25...50°C; tc= 85°C
176-276V --- emer. application; Imax=0,26A; Uout=420V ---

MPSE 40/700 SLIM
AC/DC P/S for LED
47/25-01 cod. 127523



05
GMA-510630

SEC	Vo	Pomax	1	2	3	4	SEC	Vo	Pomax	1	2	3	4
325 mA	30-80V	26 W	-	-	-	-	525 mA	20-77V	40 W	ON	-	-	-
350 mA	30-80V	28 W	-	-	-	ON	550 mA	20-73V	40 W	ON	-	-	ON
375 mA	30-80V	30 W	-	-	ON	-	575 mA	20-70V	40 W	ON	-	ON	-
400 mA	30-80V	32 W	-	-	ON	ON	600 mA	20-67V	40 W	ON	-	ON	ON
425 mA	30-80V	34 W	-	ON	-	-	625 mA	20-64V	40 W	ON	ON	-	-
450 mA	30-80V	36 W	-	ON	-	ON	650 mA	20-62V	40 W	ON	ON	-	ON
475 mA	30-80V	38 W	-	ON	ON	-	675 mA	20-59V	40 W	ON	ON	ON	-
500 mA	30-80V	40 W	-	ON	ON	ON	700 mA	20-57V	40 W	ON	ON	ON	ON

ON 
SW1 1 2 3 4

SEC + 

Before use, always check SW1 dipswitch settings

Operating window 230V

Pout W	Vout DC	Iout mA
26	30...80	325
28	30...80	350
30	30...80	375
32	30...80	400
34	30...80	425
36	30...80	450
38	30...80	475
40	30...80	500
40	20...77	525
40	20...73	550
40	20...70	575
40	20...67	600
40	20...64	625
40	20...62	650
40	20...59	675
40	20...57	700

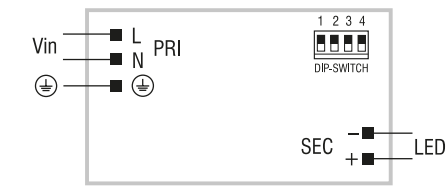
Electrical data controls input

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

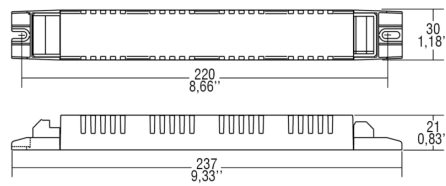
Wiring and connections

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



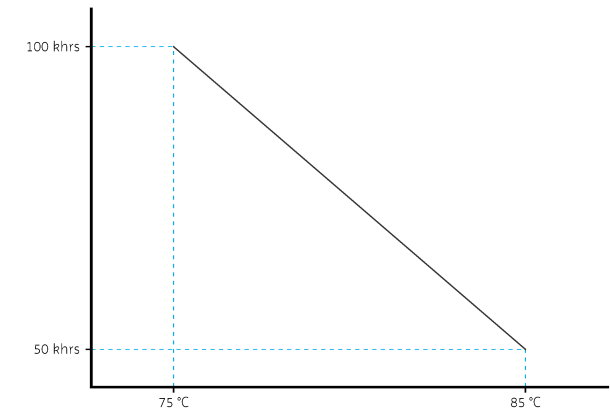
Insulation

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

Operation temperatures and humidity

Specification item	Value	Unit	Condition
Ambient temperature	-25...50	°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	325mA	

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)	1	kV	
Mains surge immunity (comm. mode)	2	kV	

Application info

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

Performance curves

