



Product data

Specification item	Value	Unit
Product name	MP 80/700 SLIM	
Order code	122213	
EAN (GTIN)	8010703359475	
Pieces per box	72	
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	0,381	A	Referred to Vin = 230 V, 100% load
Rated input power	86,48	W	Referred to Vin = 230V, 100% load
Power factor	0,95	λ	Pout > 46W
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	30...160	Vdc	
Output voltage max.	250	V	Open load
Output current	325...700	mA	
Output current min programmable	325	mA	
Output current tolerance +/-	5/10	%	
Output power	10...80	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

L
 N
 PE

 MADE IN ITALY
 via Parma 14
 21047 Saronno(VA) Italy
 www.tci.it, to@tci.it
MP 80/700 SLIM
 AC/DC PIS for LED
 LED照明电源
 cod. 122213

PRI: 220-240V ~ 0/50-60Hz Imax= 0,4A
 $\lambda = 0,75 C - 0,98 (0,95@P_{ob}46W)$
 SEC: 325-700mA (C.C.); *Vomin=30V ***
 Uout= 250V ***; Prated= 9,75-80W
 Ambient temperature= -25...50°C; Tc= 85°C
 176-276V***for emer. application; Imax= 0,5A
 Uout= 430V ***
 176-276V*** 用于应急照明; Imax= 0,5A
 Uout= 430V ***
 Short circuit protection 短路保护

SEC	Vomax	Pomax	1	2	3	4	SEC	Vomax	Pomax	1	2	3	4
325 mA	160V	52 W	-	-	-	-	525 mA	162V	80 W	ON	-	-	-
350 mA	160V	56 W	-	-	-	ON	550 mA	145V	80 W	ON	-	-	ON
375 mA	160V	60 W	-	-	-	ON	575 mA	139V	80 W	ON	-	-	ON
400 mA	160V	64 W	-	-	-	ON	600 mA	133V	80 W	ON	-	-	ON
425 mA	160V	68 W	-	-	-	ON	625 mA	128V	80 W	ON	-	-	ON
450 mA	160V	72 W	-	-	-	ON	650 mA	123V	80 W	ON	-	-	ON
475 mA	160V	76 W	-	-	-	ON	675 mA	118V	80 W	ON	-	-	ON
500 mA	160V	80 W	-	-	-	ON	700 mA	114V	80 W	ON	-	-	ON

Before use, always check SW1 dipswitch settings

GMA-510630

 0,2 - 1,5 ON
 8,5 - 9,5mm SW1 1 2 3 4
 SEC + + +
 - - -

Operating window 230V

Pout W	Vout DC	Iout mA
52	30...160	325
56	30...160	350
60	30...160	375
64	30...160	400
68	30...160	425
72	30...160	450
76	30...160	475
80	30...160	500
80	30...152	525
80	30...145	550
80	30...139	575
80	30...133	600
80	30...128	625
80	30...123	650
80	30...118	675
80	30...114	700

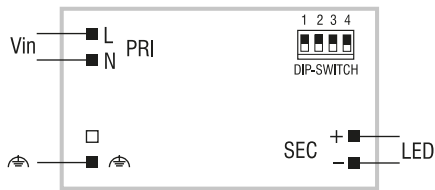
Electrical data controls input

Specification item	Value	Unit	Condition
Control method	ON - OFF		

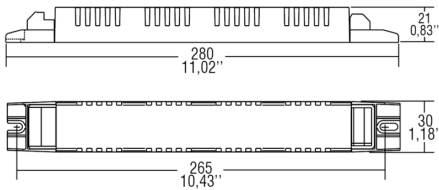
Wiring and connections

Specification item	Value	Unit	Condition
Input wire cross section	0.2...1.5 / 24...15	mm ² / AWG	
Input wire strip length	8.5...9.5	mm	
Output wires cross section	0.2...1.5 / 24...15	mm ² / AWG	
Output wire strip length	8.5...9.5	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

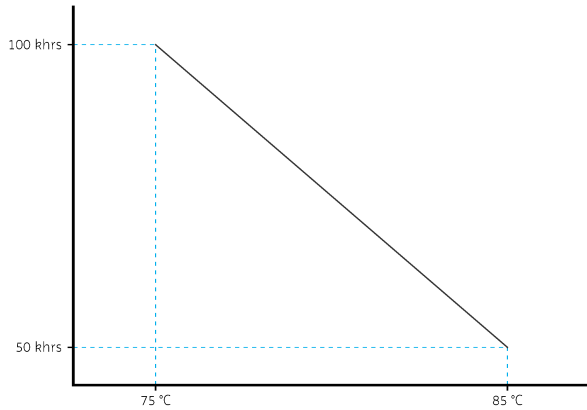
Operation temperatures and humidity

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	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 CCC
Application	Indoor linear not dimmable
Mounting type	Built-in

Performance curves

