



Product data

Specification item	Value	Unit
Product name	MP 80/350 SLIM	
Order code	122212	
EAN (GTIN)	8010703358072	
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	0,375	A	Referred to Vin = 230 V, 100% load
Rated input power	84,87	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...270	Vdc	
Output voltage max.	390	V	Open load, I _{out} > 290mA U _{out} = 300 V
Output current	200...350	mA	
Output current min programmable	200	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
 PFI

MADE IN ITALY
 via Parma 14
 21047 Saronno(VA) Italy
 www.tci.it, tci@tci.it
MP 80/350 SLIM
 AC/DC PIS for LED
 LED控制装置
 cod. 122212

PRI: 220-240V ~ 0/50-60Hz I_{max}=0,4A
 $\lambda_s = 0,6 \text{ C} - 0,98 (0,95@P_{0,6W})$
 SEC: 200-350mA (C.C.); *V_{omin}= 30V***; Prated= 6-80W
 U_{out} (200-290mA)= 390V***
 U_{out} (300-350mA)= 300V***
 Ambient temperature= -25...50°C; t_c= 85°C
 176-276V*** for emer. application; I_{max}=0,5A; U_{out}=420V***
 176-276V*** 用于应急照明; I_{max}=0,5A; U_{out}=420V***
 Short circuit protection 短路保护

SEC	V _{omax}	P _{omax}	1	2	3	4	SEC	V _{omax}	P _{omax}	1	2	3	4
200 mA	270 V	54 W	-	-	-	-	280 mA	270 V	76,5 W	ON	-	-	ON
210 mA	270 V	56,5 W	-	-	ON	-	290 mA	270 V	78 W	ON	-	-	ON
220 mA	270 V	59 W	-	-	ON	-	300 mA	266 V	80 W	ON	-	ON	-
230 mA	270 V	62 W	-	-	ON	ON	310 mA	258 V	80 W	ON	-	ON	ON
240 mA	270 V	64,5 W	-	ON	-	-	320 mA	250 V	80 W	ON	ON	-	-
250 mA	270 V	67,5 W	-	ON	ON	-	330 mA	242 V	80 W	ON	ON	-	ON
260 mA	270 V	70 W	-	ON	ON	-	340 mA	235 V	80 W	ON	ON	ON	-
270 mA	270 V	72,5 W	-	ON	ON	ON	350 mA	228 V	80 W	ON	ON	ON	ON

Before use, always check SW1 dipswitch settings 每次使用前请检查拨码开关的设置

0,2 - 1,5 ON
 8,5 - 9,5mm SW1 1 2 3 4
 tc
 SW 1 2 3 4

Operating window 230V

Pout W	Vout DC	Iout mA
54	30...270	200
56,5	30...270	210
59	30...270	220
62	30...270	230
64,5	30...270	240
67,5	30...270	250
70	30...270	260
72,5	30...270	270
75,5	30...270	280
78	30...270	290
80	30...266	300
80	30...258	310
80	30...250	320
80	30...242	330
80	30...235	340
80	30...228	350

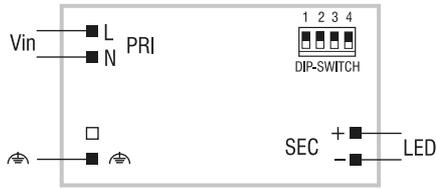
Electrical data controls input

Specification item	Value	Unit	Condition
Control method	ON - OFF		

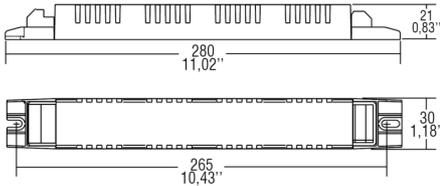
Wiring and connections

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

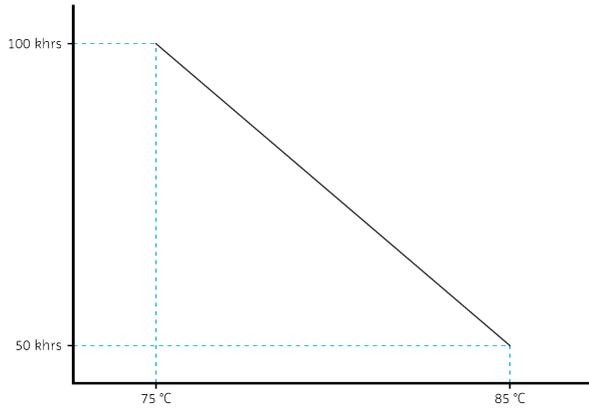
Operation temperatures

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	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)	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

