



Product data

Specification item	Value	Unit
Product name	MP 70/1400 SVM SLIM	
Order code	127560	
EAN (GTIN)	8010703383005	
Pieces per box	30	
Product weight	264	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...275	Vdc	Factory default 100% EOFi= 1
Rated input frequency	50...60	Hz	
Rated input current	0,42	A	Referred to Vin = 230 V, 100% load
Rated input power	79,8	W	Referred to Vin = 230V, 100% load
Power factor	0,95	λ	
THD	< 10	%	Referred to Vin = 230 V, 100% load
Efficiency	89	%	Referred to Vin = 230 V, 100% load
Isolation input to output	SELV		

Electrical output data

Specification item	Value	Unit	Condition
Regulation method	Constant Current		
Output voltage	10...56	Vdc	
Output voltage max.	59	V	Open load
Output current	350...1400	mA	
Output current min programmable	350	mA	
Output current tolerance +/-	5	%	
Output power	8,75...70	W	
Output current ripple	< 3	%	
Output Pst LM	< 1		
Output SVM	< 0,4		

Operating window 230V

Pout W	Vout DC	Iout mA
19,5	35...56	350
25	35...56	450
30,5	35...56	550
36,5	30...56	650
42	30...56	750
46,5	30...56	830
52	25...56	930
56	25...56	1000
58,5	25...56	1050
64,5	25...56	1150
67,5	20...54	1250
70	15...52.5	1330
70	10...50	1400

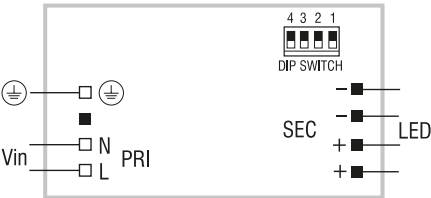
Electrical data controls input

Specification item	Value	Unit	Condition
Control method	ON-OFF		

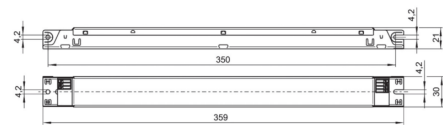
Wiring and connections

Specification item	Value	Unit	Condition
Input wire cross section	0.2...1.5 / 24...16	mm² / AWG	
Input wire strip length	8.5...9.5	mm	
Output wires cross section	0.2...1.5 / 24...16	mm² / AWG	
Output wire strip length	8.5...9.5	mm	
Max. cable length		cm	For additional details for regulations see pages info 12-14

Wiring diagram



Dimensions



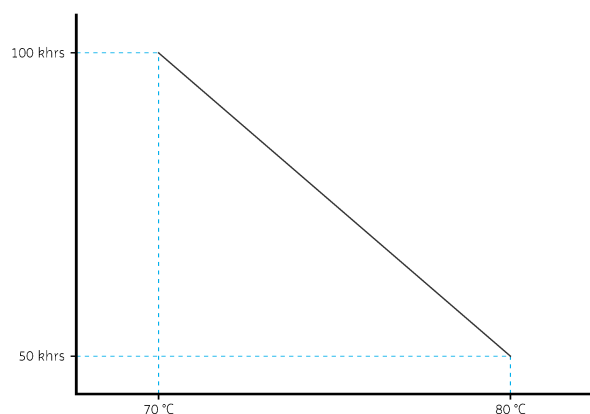
Insulation

Insulation	Output	Controls	Earth
Input	double or reinforced	N/A	N/A

Operation temperatures

Specification item	Value	Unit	Condition
Ambient temperature	-25....50	°C	
Tc	80	°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	350mA	

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	10/200	A / usec	
Drivers / MCB 16A type B	30	pcs	

Driver touch current / protective conductor current

Specification item	Value	Unit	Condition
Typical Protective Conductor Current	0,53	mA	

Surge immunity

Specification item	Value	Unit	Condition
Mains surge immunity (diff. mode)	2	kV	
Mains surge immunity (comm. mode)	3	kV	
Control surge immunity (diff. mode)		kV	
Control surge immunity (comm. mode)		kV	

Application info

Specification item	Value
Approval marks	CE ENEC EAC RCM
Application	Indoor linear
Mounting type	Built-in

Performance curves

