PRO FLAT 30

Product data

Specification item	Value	Unit
Product name	PRO FLAT 30	
Order code	127572	
EAN (GTIN)	8010703386631	
Pieces per box	50	
Product weight	98	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	0,151	A	Referred to Vin = 230 V, 100% load
Rated input power	34,75	W	Reffered to Vin = 230V, 100% load
Power factor	0,95	λ	Pout > 7 W
THD	< 10	%	Referred to Vin = 230 V, 100% load
Efficiency	90	%	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	5...44	Vdc	
Output voltage max.	59	V	Open load
Output current	350...725	mA	
Output current min programmable	350	mA	
Output current tolerance	5	%	
Output power	3...32	W	
Output current ripple	< 3	%	
Output Pst LM	< 1		
Output SVM	< 0,4		

Operating window 230V

Pout W	Vout DC	Iout mA
15	10...44	350
16	10...44	375
17	10...44	400
18	10...44	425
19	10...44	450
21	10...44	475
22	8...44	500
23	8...44	525
24	5...44	550
25	5...44	575
26	5...44	600
27	5...44	625
28	5...44	650
29	5...44	675
30	5...44	700
32	5...44	725

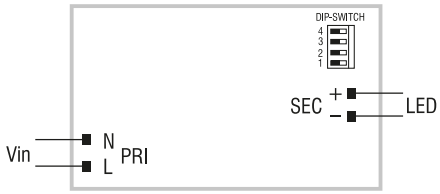
Electrical data controls input

Specification item	Value	Unit	Condition
Control method	ON-OFF		

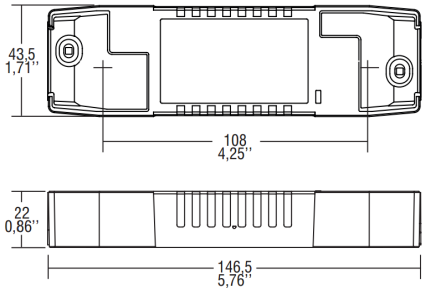
Wiring and connections

Specification item	Value	Unit	Condition
Input wire cross section	0.75...1.5 / 18...15	mm² / AWG	
Input wire strip length	8.5...9.5	mm	
Output wires cross section	0.2...1.5 / 24...15	mm² / AWG	
Output wire strip length	8.5...9.5	mm	
Max. cable length		cm	For additionals details for regulations see pages info 12-14

Wiring diagram



Dimensions



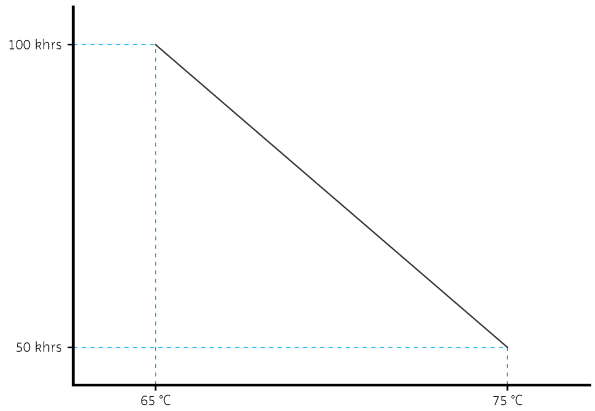
Insulation

Specification item	Output	Controls	Earth
Input	double or reinforced	N/A	N/A

Operation temperatures and humidity

Specification item	Value	Unit	Condition
Ambient temperature	-25...45	°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	5/50	A / usec	
Drivers / MCB 16A type B	50	pcs	

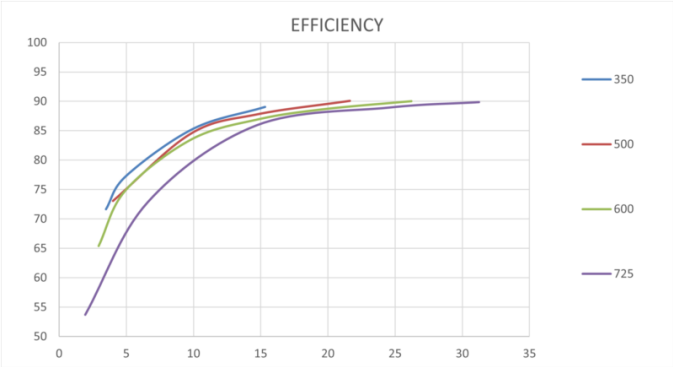
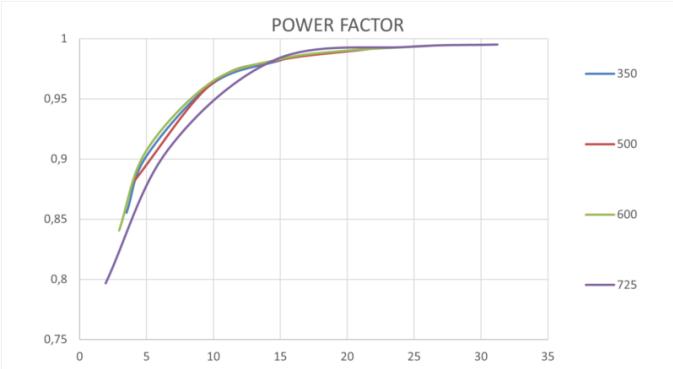
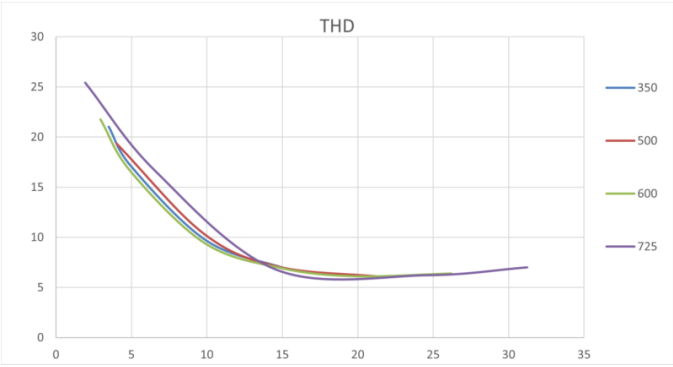
Driver touch current / protective conductor current

Specification item	Value	Unit	Condition
Typical Protective Conductor Current	0,2	mA	

Surge immunity

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

Application info

Specification item	Value
Approval marks	CE ENEC RCM CCC UKCA EAC
Ingress Protection classification (IP)	20
Application	Compact not dimmable indoor
Mounting type	Independent
Cut hole diameter	Ø50

Performance curves