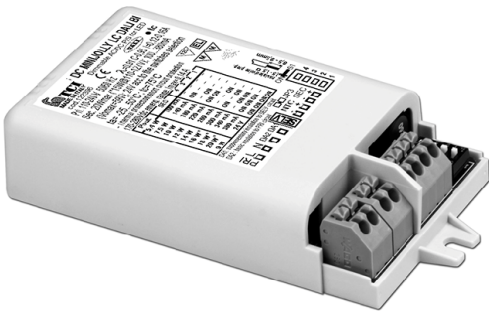




Product data

Specification item	Value	Unit
Product name	DC MINI JOLLY LC DALI BI	
Order code	151396	
EAN (GTIN)	8010703865259	
Pieces per box	50	
Product weight	108	Gr
Made in	Italy	

Electrical input data

Specification item	Value	Unit	Condition
Rated input voltage	110...127 / 220...240	Vac	
Input voltage AC range	99...264	Vac	
Input voltage DC range	176...280	Vdc	Factory default 100% EOFi= 1
Rated input frequency	50...60	Hz	
Rated input current	0,099	A	Referred to Vin = 230 V, 100% load
Rated input power	22,02	W	Referred to Vin = 230V, 100% load
Power factor	0,95	λ	
THD	< 15	%	Referred to Vin = 230 V, 100% load
Efficiency	88	%	Referred to Vin = 230 V, 100% load
Stand-by Power	< 0,5	W	
Isolation input to output	SELV		

Electrical output data

Specification item	Value	Unit	Condition
Regulation method	Constant current / Constant voltage		
Output voltage	3...50	Vdc	
Output voltage max.	59	V	Open load
Output current	100...380	mA	
Output current min programmable	100	mA	
Output current min dimming	7	mA	
Output current tolerance +/-	5	%	
Output power	1...20	W	
Output current ripple	< 3	%	
Output Pst LM	< 1		
Output SVM	< 0,4		

Operating window 230V

Pout W	Vout DC	Iout mA
5	15...50	100
7	10...50	140
9	5...50	180
11	5...50	220
13	5...50	260
15	3...50	300
17	3...50	340
19	3...50	380
9	24 cost.	380

Operating window 110V

Pout W	Vout DC	Iout mA
5	15...50	10
7	10...50	140
9	5...50	180
11	5...50	220
13	5...50	260
15	3...50	300
15	3...44	340
15	3...40	380
9	24 cost.	380

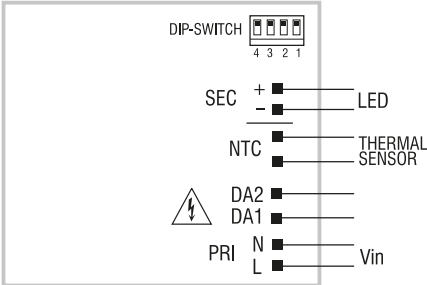
Electrical data controls input

Specification item	Value	Unit	Condition
Control method	DALI-2		Default dimming: AM
Dimming range	1...100%	%	

Wiring and connections

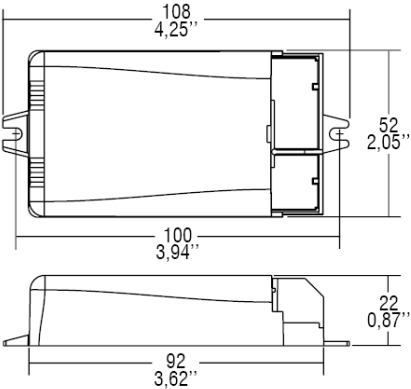
Specification item	Value	Unit	Condition
Input wire cross section	0.5...1.5 / 20...15	mm² / AWG	L - N
Input wire strip length	8.5...9.5	mm	
Output wires cross section	0.5...1.5 / 20...15	mm² / AWG	SEC, NTC
Output wire strip length	8...8.5	mm	
Control wire cross section	0.5...1.5 / 20...15	mm² / AWG	DA - DA
Control wire strip length	8.5...9.5	mm	
Max. cable length		cm	For additional details for regulations see pages info 12-14

Wiring diagram



DALI diagram - Collegamento DALI

Dimensions



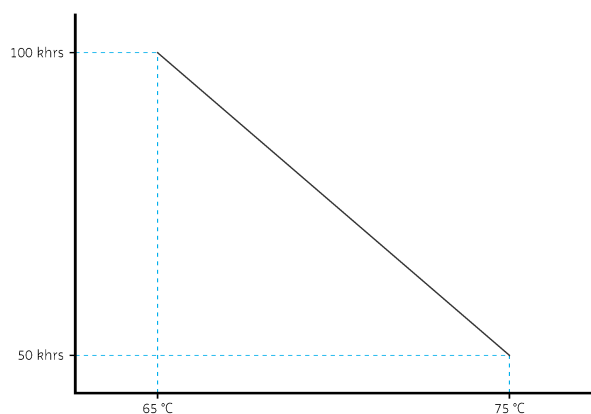
Insulation

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

Operation temperatures and humidity

Specification item	Value	Unit	Condition
Ambient temperature	-25...50	°C	
Tc	75	°C	Maximum temperature measured at Tc point
Maximum housing temperature	120	°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	100mA	
Min Dimming Level	Yes	1%	

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	
DALI part 101	Yes	
DALI part 102	Yes	
DALI part 207	Yes	

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	0,104	mA	

Surge immunity

Specification item	Value	Unit	Condition
Mains surge immunity (diff. mode)	2	kV	
Mains surge immunity (comm. mode)	4	kV	

Application info

Specification item	Value
Approval marks	CE ENEC EAC UKCA BIS
Application	Compact dimmable indoor
Mounting type	Built-in

Performance curves

