



**Software: TCI\_NFC\_READER**

<https://win.tcisonno.com/public/CMS/Files/11436/Setup-NFC-DALI-1-0-0-180-1.zip>

## Product data

Specification item	Value	Unit
Product name	SVM 110 700-2100 NFC	
Order code	142072	
EAN (GTIN)	8010703893160	
Pieces per box	30	
Product weight	264	Gr
Made in	Italy	

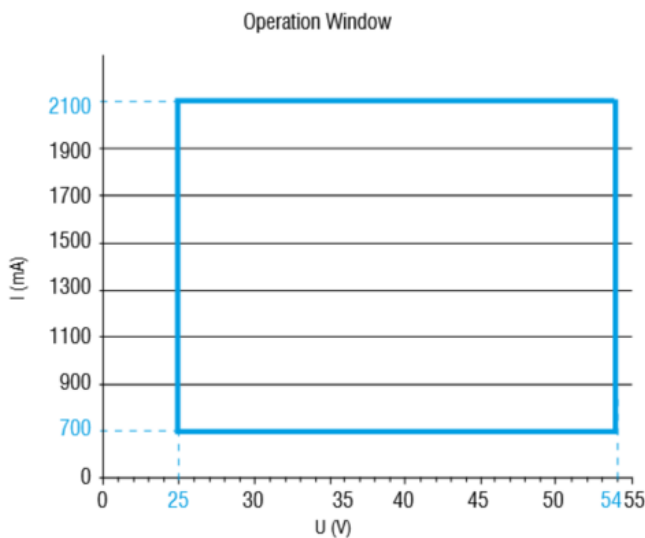
## Electrical input data

Specification item	Value	Unit	Condition
Rated input voltage	220...240	Vac	
Input voltage AC range	198...264	Vac	
Input voltage DC range	176...276	Vdc	Factory default 100% EOFi= 1
Rated input frequency	50...60	Hz	
Rated input current	0,556	A	Referred to Vin = 230 V, 100% load
Rated input power	121,52	W	Referred to Vin = 230V, 100% load
Power factor	0,85 C	$\lambda$	Pout > 25W
THD	< 10	%	Referred to Vin = 230 V, 100% load
Efficiency	92	%	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	25...54	Vdc	
Output voltage max.	60	V	Open load
Output current	700...2100	mA	
Output current min programmable	700	mA	
Output current tolerance	5	%	
Output power	17...85	W	
Output current ripple	< 3	%	
Output Pst LM	< 1		
Output SVM	< 0,4		

## Operating window (230V)



## Label

Labels are for illustrative purposes only and may differ from the actual product



## Electrical data controls input

Specification item	Value	Unit	Condition
Control method	ON-OFF		

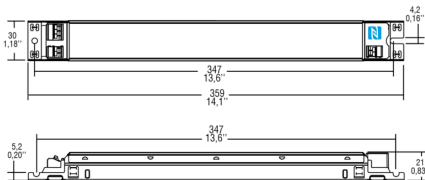
## Wiring and connections

Specification item	Value	Unit	Condition
Input wire cross section	0.2...1.5 / 24...15	mm <sup>2</sup> / AWG	
Input wire strip length	8.5...9.5	mm	
Output wires cross section	0.2...1.5 / 24...15	mm <sup>2</sup> / AWG	
Output wire strip length	8.5...9.5	mm	
Max. cable length		cm	Max. LED distance see page info 8

## Wiring diagram



## Dimensions



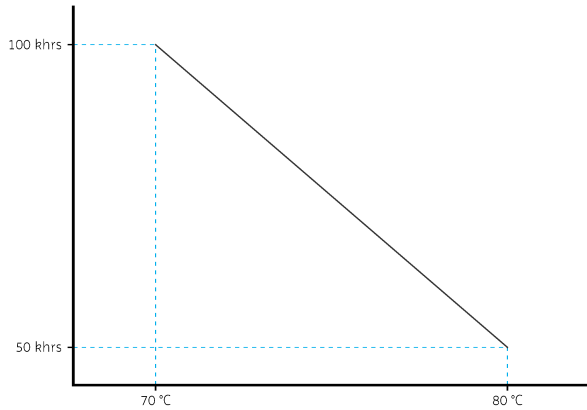
## Insulation

PRI - SEC	double or reinforced
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## Operation temperatures and humidity

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

**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	
Emergency Lighting (EL)	Yes	

**Programmable features**

Specification item	Available	Default setting	Condition
Set Adjustable Output Current (AOC)	NFC	700mA	

**In rush current**

Specification item	Value	Unit	Condition
In rush current	40/450	A / usec	
Drivers / MCB 16A type B	36	pcs	

## Driver touch current / protective conductor current

Specification item	Value	Unit	Condition
Typical Protective Conductor Current	0,05	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 RCM UL UKCA CCC
Application	Linear not dimmable
Mounting type	Built-in

## Performance curves

