ALIMENTATORE SWITCHING SERIE SWM
SWM SERIES SWITCHING POWER SUPPLY



* Dimensioni compatte - 1 modulo (17,5mm)
* *Compact Size - 1 Module (17,5mm)*
* Montaggio su guida DIN
* *Din rail mounting*
* Connessioni a viti
* *Screw connectors*
* Uscita : 0,5A-5VDC o 0,5A-12VDC o 0,2A-24VDC
* *Output : 0,5A-5VDC or 0,5A-12VDC or 0,2A-24VDC*
* Ingresso : 230VAC
* Input : 230VAC

Rev. 09-2013

DATI TECNICI - *TECHNICAL DATA*				
INGRESSO / *INPUT*	**UNIT**	**SWM-05A5-230**	**SWM-05A12-230**	**SWM-02A24-230**
Ingresso *Input*	VAC	230	230	230
Range di frequenza *Frequency range*	Hz	47-63	47-63	47-63
Corrente di spunto alla tensione nominale VAC(1) *In-rush current at rated VAC(1)*	A	<30	<30	<30
Protezione di sovraccarico in ingresso *Input overload protection*	-	(internal)	(internal)	(internal)
Protezione overvoltage in ingresso (% della VAC max) *Input overvoltage protection (% of VAC max)*	%	110	110	110
USCITA / *OUTPUT*				
Volt uscita *Output voltage*	VDC	5+-2%	12+-2%	24+-2%
Massima corrente in uscita *Max. continuos output current*	A	0.5	0.5	0.2
Massima potenza in uscita *Max. continuos output power*	W	3	6.5	5
Ripple BW 20MHz al massimo carico *Ripple BW 20MHz at max. load*	mV	<150	<150	<150
Tempo mantenimento uscita alla tensione nominale e al massimo carico [2] *Hold-up time at rated VAC and max load [2]*	ms	>40	>40	>40
Tempo di accensione alla tensione nominale VAC [2] *Rise time at rated VAC [2]*	ms	5	5	5
Protezione minima overvoltage in uscita (% della Vout) *Output overvoltage protection min. (% della Vout)*	%	120	120	120
Protezione di sovraccarico in uscita (% del max. carico) [3] *Output overload protection (% of max. load) [3]*	%	110%with Hiccup	110%with Hiccup	110%with Hiccup
CARATTERISTICHE GENERALI / *GENERAL FEATURES*				
Efficienza alla tensione nominale Efficiency at rated VAC	%	75	75	75
Frequenza di commutazione Switching frequency	kHz	130	130	130
Range temperature ambiente Ambient temperature range	°C	-5/+50	-5/+50	-5/+50
De-rating 3.4 In % /°C [4] De-rating 3.4 In % /°C [4]	°C	>45	>45	>45
Temperatura di stoccaggio *Storage temperature range*	°C	-10/+80	-10/+80	-10/+80
Massima umidità relativa (Senza condensazione) Max. relative humidity (without condensation)	RH%	90	90	90
MTBF (MIL STD 217D at 35° C MTBF (MIL STD 217D at 35° C)	hr	400000	400000	400000
Grado di protezione Protection degree	IP	20	20	20
Led ON ON display	-	Green LED	Green LED	Green LED
Peso *Weight*	g	60	60	60
Dimensioni *Dimensions*	mm	98x17.5x64	98x17.5x64	98x17.5x64
Montaggio *Mounting*	-	DIN rail 35mm EN50.022	DIN rail 35mm EN50.022	DIN rail 35mm EN50.022
Connessioni Connections	-	Screw terminals	Screw terminals	Screw terminals
Conformi alle normative EC *EC reference standards*	-	EN55011-A EN61000-4-2,3,4,5,6,11 EN60950 Class1 (LVD)		

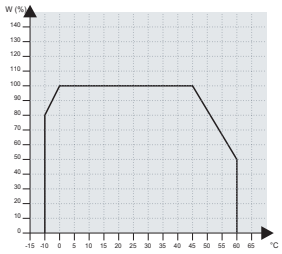
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DATI TECNICI - *TECHNICAL DATA*		
Conforme con *Conforming with*	-	UL508C CSA22.2

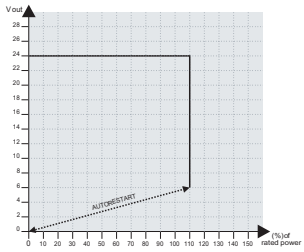
DATI TECNICI - *TECNICAL DATA*

(1) Osservare curva / *See curva 3-4*
(2) Osservare curva / *See curva 5*
(3) Osservare curva / *See curva 2*
(4) Osservare curva / *See curva 1*

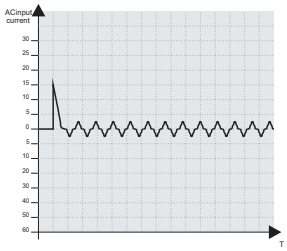
- DERATING (Curva1)



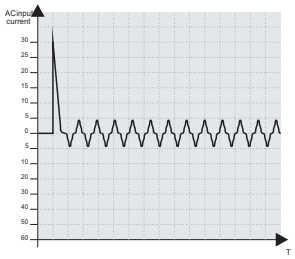
- OVER LOAD PROTECTION (Curva2)



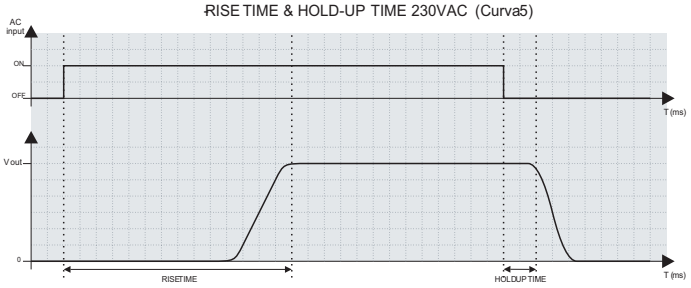
- IN-RUSH CURRENT110VAC (Curva3)



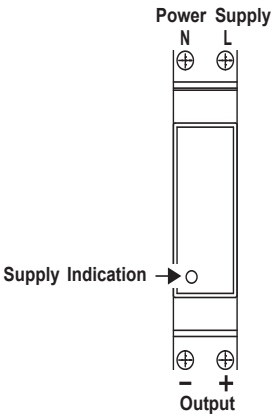
- IN-RUSH CURRENT 230VAC (Curva4)



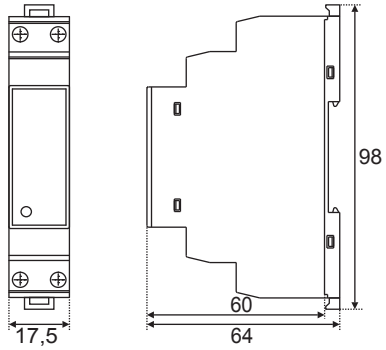
- RISE TIME & HOLD-UP TIME 230VAC (Curva5)



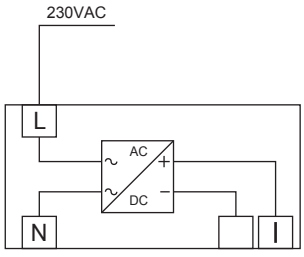
DESCRIZIONE - *DESCRIPTION*



DIMENSIONI (mm) - *DIMENSIONS (mm)*



SCHEMA COLLEGAMENTO *WIRING DIAGRAM*



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