

- HIGH EFFICIENCY UP TO 92%
- 150% PEAK LOAD CAPABILITY
- 105°C LONG LIFE CAPACITANCE
- BUILT-IN ACTIVE PFC FUNCTION
- METALLIC BOX PROTECTION IP20
- DIN RAIL MOUNTING EN50.022

PROTECTION:

- Short circuit
- Overload
- Overvoltage
- Overtemperature (only on standard line)

EU Directives - CE Marking:

- > 2014/30/UE - EMC
- > 2014/35/UE - LVD

**TECHNICAL DATA****INPUT**

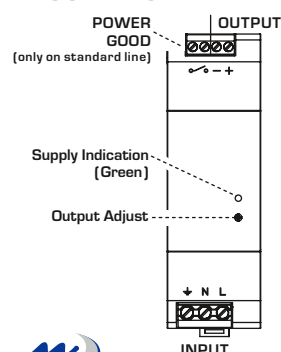
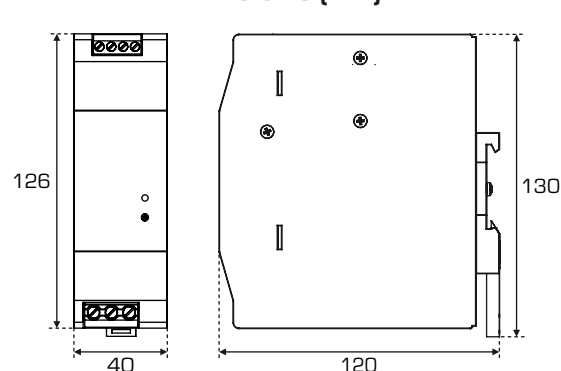
	UNIT	SWMT24120	SWMT24120e
Supply voltage AC	V~	100 - 240	
Nominal frequency	Hz	50 - 60 (range: 47 - 63)	
Supply voltage DC	V=	140 - 340	
Input current at 230VAC	A	0.6	1.4
In-rush current at 230VAC	A	25	35
Input overload protection T-type fuse (internal)	A	5	4
Power Factor at 230VAC	-	0.96	0.5

OUTPUT

Output adjustable voltage DC	V=	24 - 28 (±2%)	
Max. continuous output current	A	5	
Max. continuous output power	W	120	
Ripple BW 20MHz at max. load	mV	80	150
Hold-up time at rated V~ and max. load	ms	20	
Rise time at rated V~	ms	60	60
Parallel connection	-	NO	
Output overvoltage protection min. % of Vout	%	110 - 140	120 - 150
Output overload protection % of max. load	%	110 - 150	
Power good relay	%	YES	NO

GENERAL

Efficiency at rated V~	%	92	86
Working temperature - free convection	°C	-25 / +70	-20 / +60
De-rating 2.5% In/°C	°C	> 55	
Storage temperature	°C	-40 / +85	
Electrical Insulation	kV	3 (IN/OUT)	1.5 (IN/⊕) 0.5 (OUT/⊕)
Over-temperature protection	-	YES	NO
Protection degree	IP	20	
Relative Humidity w/o cond.	RH%	90	
Altitude up to	m	2000	
Weight	g	540	
Dimensions	mm	130 x 40 x 120	

ECONOMY
LINE**DESCRIPTION****DIMENSIONS (mm)****WIRING DIAGRAM**