

- ▶ HIGH EFFICIENCY UP TO 94%
- ▶ 150% PEAK LOAD CAPABILITY
- ▶ 105°C LONG LIFE CAPACITANCE
- ▶ BUILT-IN ACTIVE PFC FUNCTION
- ▶ LLC TECHNOLOGY
- ▶ PARALLEL REDUNDANT FUNCTION (1+1)
- ▶ METALLIC BOX PROTECTION IP20
- ▶ DIN RAIL MOUNTING EN50.022
- PROTECTION:
 - Short circuit
 - Overload
 - Overvoltage
 - Overtemperature



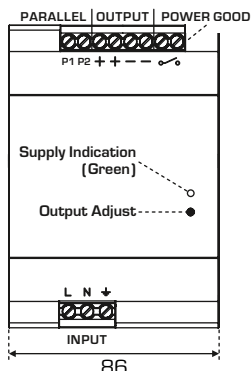
EU Directives - CE Marking:

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

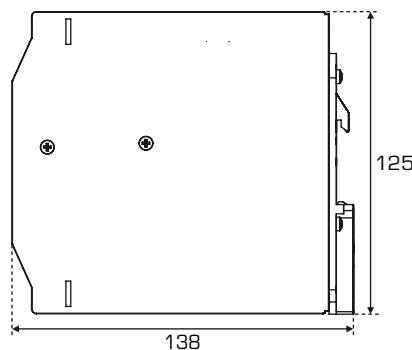
TECHNICAL DATA

INPUT	UNIT	SWMT24480		
Supply voltage AC	V \sim	100 - 240		
Nominal frequency	Hz	50 - 60 (range: 47 - 63)		
Supply voltage DC	V \rightleftharpoons	140 - 340		
Input current at 230VAC	A	2.4		
In-rush current at 230VAC	A	50		
Input overload protection T-type fuse (internal)	A	6.3		
Power Factor at 230VAC	-	0.97		
OUTPUT				
Output adjustable voltage DC	V \rightleftharpoons	24 - 28 ($\pm 2\%$)		
Max. continuous output current	A	20		
Max. continuous output power	W	480		
Ripple BW 20MHz at max. load	mV	150		
Hold-up time at rated V \sim and max. load	ms	20		
Rise time at rated V \sim	ms	60		
Parallel connection	-	Allowed		
Output overvoltage protection min. % of Vout	%	110 - 140		
Output overload protection % of max. load	%	110 - 150		
Power good relay	%	YES		
GENERAL				
Efficiency at rated V \sim	%	93		
Working temperature - free convection	°C	-25 / +70		
De-rating 2.5% In/°C	°C	> 60		
Storage temperature	°C	-40 / +85		
Electrical Insulation	kV	3 (IN/OUT)	1.5 (IN/⊕)	0.5 (OUT/⊕)
Over-temperature protection	-	YES		
Protection degree	IP	20		
Relative Humidity w/o cond.	RH%	90		
Altitude up to	m	2000		
Weight	g	1320		
Dimensions	mm	138 x 86 x 125		

DESCRIPTION



DIMENSIONS (mm)



WIRING DIAGRAM

