

EXTENDED RANGE

HIGH EFFICIENCY



NEW POWER LINE



IHRE KRAFT AUS
UNSERER ERFAHRUNG

- ▶ HIGH EFFICIENCY UP TO 90%
- ▶ 150% PEAK LOAD CAPABILITY
- ▶ 105°C LONG LIFE CAPACITANCE
- ▶ METALLIC BOX PROTECTION IP20
- ▶ DIN RAIL MOUNTING EN50.022



- **SCHUTZ:**
- Short circuit
 - Overload
 - Overvoltage
 - Overtemperature

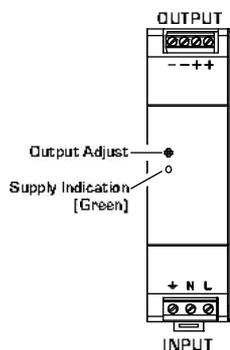
EU Directives - CE Marking:

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

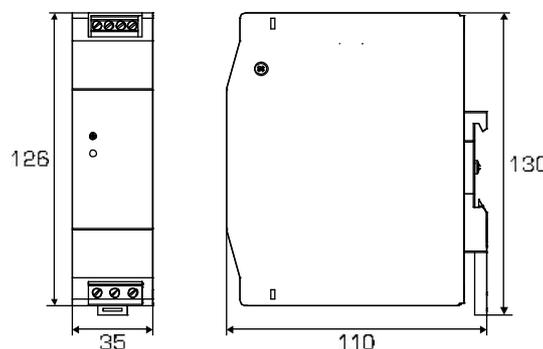
TECHNISCHE DATEN

EINGANG	UNIT	SWMT2445	SWMT2475
Supply voltage AC _____	V \sim	100 - 240	
Nominal frequency _____	Hz	50 - 60 (range: 47 - 63)	
Supply voltage DC _____	V ---	140 - 340	
Input current at 230VAC _____	A	0.4	0.97
In-rush current at 230VAC _____	A	15	20
Input overload protection T-type fuse (internal) _____	A	2	3.15
Power Factor at 230VAC _____	-	0.5	
AUSGANG			
Output adjustable voltage DC _____	V ---	24 - 28 ($\pm 2\%$)	
Max. continuous output current _____	A	2	3
Max. continuous output power _____	W	45	75
Ripple BW 20MHz at max. load _____	mV	120	
Hold-up time at rated V \sim and max. load _____	ms	20	
Rise time at rated V \sim _____	ms	200	
Parallel connection _____	-	NO	
Output overvoltage protection min. % of Vout _____	%	120 - 135	
Output overload protection % of max. load _____	%	110 - 150	
Power good relay _____	%	NO	
ALLGEMEINES			
Efficiency at rated V \sim _____	%	88.5	89.5
Working temperature - free convection _____	$^{\circ}\text{C}$	-25 / +70	
De-rating 2.5% In/ $^{\circ}\text{C}$ _____	$^{\circ}\text{C}$	> 55	
Storage temperature _____	$^{\circ}\text{C}$	-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	310	360
Dimensions _____	mm	130 x 35 x 110	

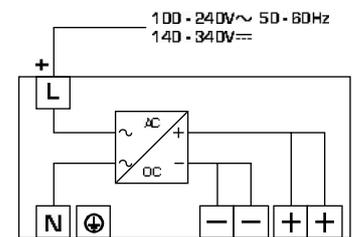
DARSTELLUNG



ABMESSUNGEN (mm)



ANSCHLUSSDIAGRAMM



- ▶ 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

■ SCHUTZ:

- Short circuit
- Overload
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TECHNISCHE DATEN

EINGANG	UNIT	SWMT24120
Supply voltage AC _____	V \sim	100 - 240
Nominal frequency _____	Hz	50 - 60 (range: 47 - 63)
Supply voltage DC _____	V ---	140 - 340
Input current at 230VAC _____	A	0.6
In-rush current at 230VAC _____	A	25
Input overload protection T-type fuse (internal) _____	A	5
Power Factor at 230VAC _____	-	0.96

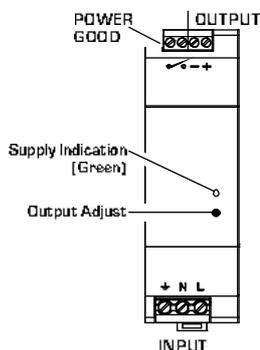
AUSGANG

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

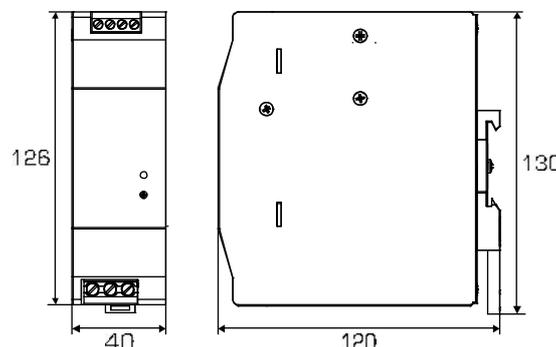
ALLGEMEINES

Efficiency at rated V \sim _____	%	92
Working temperature - free convection _____	°C	-25 / +70
De-rating 2.5% In/°C _____	°C	> 55
Storage temperature _____	°C	-40 / +85
Electrical Insulation _____	kV	3 (IN/OUT) 1.5 (IN/Ø) 0.5 (OUT/Ø)
Over-temperature protection _____	-	YES
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

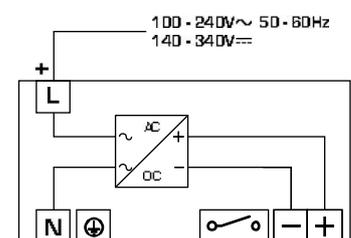
DARSTELLUNG



ABMESSUNGEN (mm)



ANSCHLUSSDIAGRAMM



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BIC: BKAUATWW - IBAN: AT82 1200 0006 4012 0903

Offenlegung nach Par. 14 HGB: GmbH Wien
HG Wien - FN: 105435b - AHA-Nr.: 8504
FA-Nr.: 140/9334/FA09 - UID-Nr.: ATU 14729105
EORI-Nr.: ATEOS1000006072

- ▶ HOHER WIRKUNGSGRAD bis 0,93%
- ▶ 150% PEAK LOAD CAPABILITY
- ▶ 105°C LONG LIFE CAPACITANCE
- ▶ BUILT-IN ACTIVE PFC FUNCTION
- ▶ LLC TECHNOLOGY
- ▶ METALLIC BOX PROTECTION IP20
- ▶ DIN RAIL MOUNTING EN50.022

- **SCHUTZ:**
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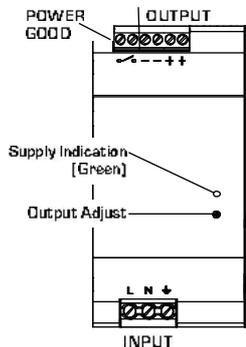
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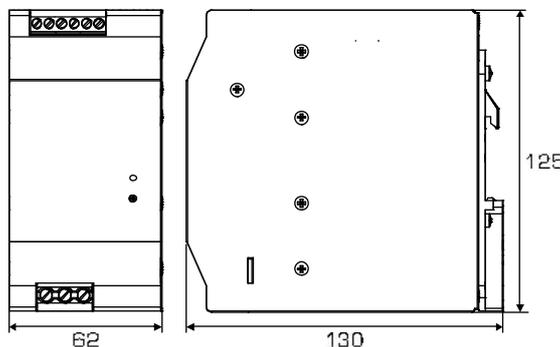
TECHNISCHE DATEN

EINGANG	UNIT	SWMT24240
Supply voltage AC	V \sim	100 - 240
Nominal frequency	Hz	50 - 60 (range: 47 - 63)
Supply voltage DC	V ---	140 - 340
Input current at 230VAC	A	1.4
In-rush current at 230VAC	A	30
Input overload protection T-type fuse (internal)	A	5
Power Factor at 230VAC	-	0.92
AUSGANG		
Output adjustable voltage DC	V ---	24 - 28 ($\pm 2\%$)
Max. continuous output current	A	10
Max. continuous output power	W	240
Ripple BW 20MHz at max. load	mV	100
Hold-up time at rated V \sim and max. load	ms	20
Rise time at rated V \sim	ms	60
Parallel connection	-	NO
Output overvoltage protection min. % of Vout	%	120 - 150
Output overload protection % of max. load	%	110 - 150
Power good relay	%	YES
ALLGEMEINES		
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/Ø) 0.5 (OUT/Ø)
Over-temperature protection	-	YES
Protection degree	IP	20
Relative Humidity w/o cond.	RH%	90
Altitude up to	m	2000
Weight	g	810
Dimensions	mm	130 x 62 x 125

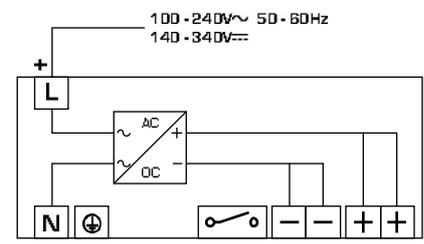
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ABMESSUNGEN (mm)



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- ▶ 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

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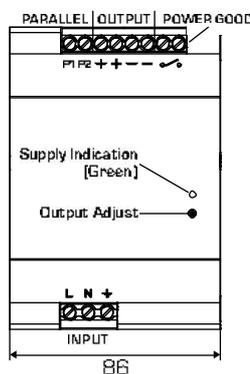
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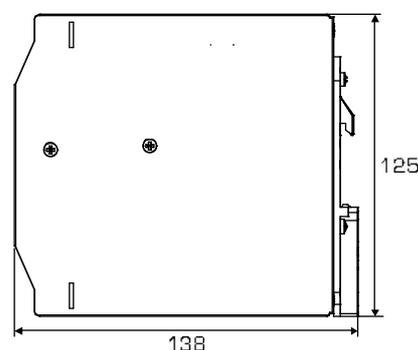
TECHNISCHE DATEN

EINGANG	UNIT	SWMT24480
Supply voltage AC _____	V \sim	100 - 240
Nominal frequency _____	Hz	50 - 60 (range: 47 - 63)
Supply voltage DC _____	V ---	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
AUSGANG		
Output adjustable voltage DC _____	V ---	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 _____	-	YES
Output overvoltage protection min. % of V _{out} _____	%	110 - 140
Output overload protection % of max. load _____	%	110 - 150
Power good relay _____	%	YES
ALLGEMEINES		
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/Ø) 0.5 (OUT/Ø)
Over-temperature protection _____	-	YES
Protection degree _____	IP	20
Relative Humidity w/o cond. _____	RH%	90
Altitude up to _____	m	2000
Weight _____	g	1600
Dimensions _____	mm	138 x 86 x 125

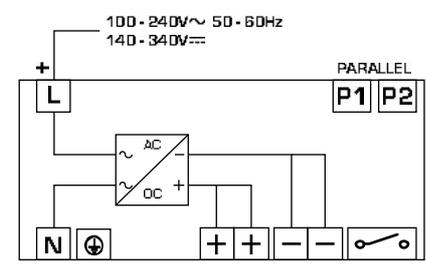
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