

10/20 Watt

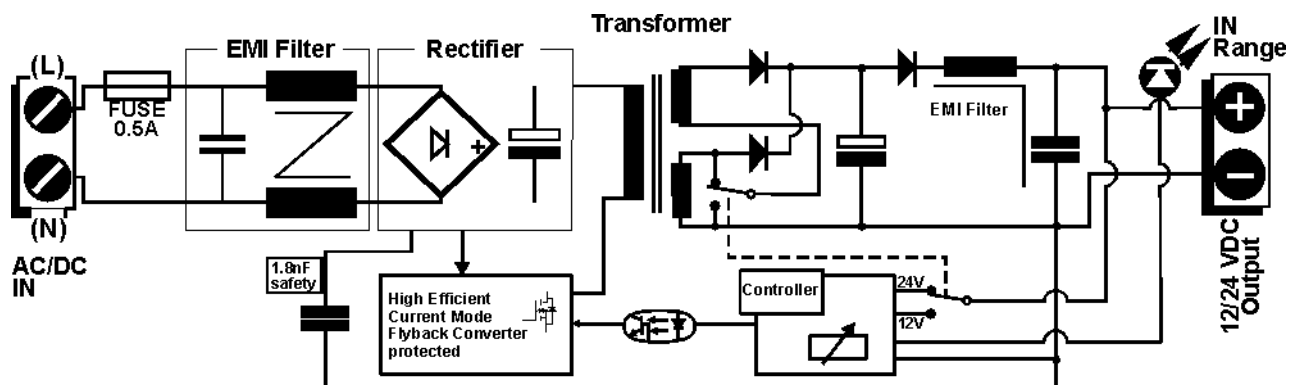
AC/DC - Power-Supply DIN Rail-Mounting



- o Small Size (Width only 17.5 mm)
- o Universal Input 120-240 VAC
- o DIN RAIL - Clip Fastening
- o Selectable Output 12/24 VDC at 10 Watt
- o Safety Standards in Accordance to EN60950



Blockdiagram

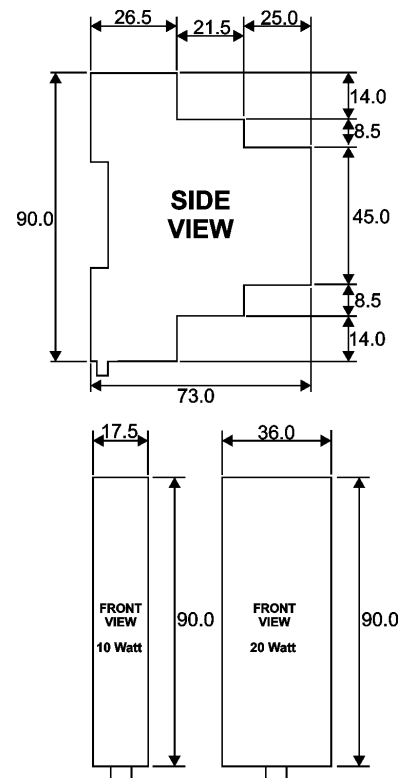


MODEL NUMBER	POWER	OUTPUT VOLTAGE	OUTPUT CURRENT
ACS10DR-12	10 W	12 VDC	833 mA
ACS10DR-24		24 VDC	417 mA
ACS10DR-12/24		12/24 VDC	833/417 mA
ACS20DR-12	20 W	12 VDC	1667 mA
ACS20DR-24		24 VDC	833 mA

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Input Voltage Range	120-240 VAC or 135-375 VDC	Case	solid isolated plastic case (IP20)
Inrush Current	Max @ 500 mA Powerup Delay	Mounting	clip fastening for TS35-rail acc. to EN60950
Input Frequency	47-63 Hz	Connections	Input and Output are separated clearly. Input above, DC-Output below. Plus = LED Display
Input Current at Nominal Load	230 Vac: 65 mA typ.	Dimensions	10Watt 17.5 mm x 73 mm x 90 mm 20 Watt 36.0 mm x 73 mm x 90 mm
Consumption at No Load	<0,2 W <1 mA (=>Blue Angel Star)	Weight	85 g
Fuse	Internal Fuse T 0,5 A, External Fuse not necessary	Isolation Voltage	3 kV input/output
OUTPUT SPECIFICATIONS		Cooling	Convection Cooling
Output Voltage	24 / 12 DC switchable at the front	Space for Cooling	25 mm recommended
Function Indication	In Range LED (Behind the Front Panel)	Ambient Operating Temperature	-15°C to +50°C
Load Regulation 10..90%	0.15%	Storage Temperature	-30°C to +85°C
Load Regulation Time	2 ms	Safety Standards	in accordance to EN60950
Ripple & Noise	<60 mV p-p		
Holdup Time	>20 ms		
Parallel Use	Yes		
Revers Voltage Stability	55 V		
Protection	Continuous short circuit-, overload-, no load- protection		
Over Load Characteristics	<u>Overload Design</u> • No Switch off at short circuit/overload. • >=70°C chip temperature the output voltage drops by max. -10% • power switch of at 135°C chip temperature • Restart at 70°C hysteresis		
Output Load	10 W (convection cooling)		



All Dimensions in mm.