

Power Supplies

991748

When good enough just isn't good enough

Weidmüller 

RS-SNT, Combi-foot, TS 35/32

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Representative Photo

Technical Information

Power Supply Type	Switchmode
Input Voltage	85...265 VAC / 120...300 VDC
Output Voltage	24 V
Output Current Rating	2.1 A
Housing Type	RS

Additional Data

Rail Type	Combi Foot
Input Voltage, Minimum	85 VAC / 120 VDC
Input Voltage, Maximum	265 VAC / 300 VDC
Input Voltage/Current at 120 VAC	1.2 A RMS (±20%)
Input Voltage/Current at 230 VAC	600 mA RMS (±20%)
Input Voltage/Current at 125 VDC	580 mA (±20%)
Input Voltage/Current at 250 VDC	380 mA (±20%)
Frequency	50/60 Hz
In-Rush Current Protection	Thermistor
Overvoltage Protection	Varistor
Fuse	2 A, T1 (5x20 mm)
Switching Frequency	100 kHz PWM
Efficiency (at Maximum Load)	0.78
Maximum Ripple	0.1% RMS
Status Indicator	Green, power on
Maximum Capacitive Load	< 1,000 µF
Load Share	No
Load (10-100% Load)	< 1%
85 VAC to 265 VAC Line	< 0.8%
Overload Protection	Overcurrent shutdown with automatic restart plus thermal shutdown.
Dielectric Strength Input to Output	3 kV RMS
Dielectric Strength I/O to DIN-Rail	4 kV RMS
Dielectric Strength Input to Ground	1.5 kV RMS
Dielectric Strength Output to Ground	500 V RMS

Storage Temperature Range	-40°C...+85°C
Operating Temperature Range	0°C...+50°C full rated load
Wire Size	#22...14 AWG 0.5...2.5 mm ²
Clamp Screw Tightening Torque Nm (lb.in.)	0.5 (4.38)
Mechanical Dimensions (WxLxH) mm (in.)	145/109/91 (5.71"/4.29"/3.58")
Insulation Stripping Length mm (in.)	7 (.28")
Certifications	UL, CSA, CE mark, EN55022 class B, CIS PR22 class B, IEC 801-2, 3, 4, 5 level 3

Suggested Accessories

[DIN-rail](#)

[End bracket](#)

[Ferrules](#)

[Markers \(SchT\)](#)

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