

Modular PSUs - DIN Rail Mount - continued

DIN Rail Mounting PSUs - continued

240W Slimline with PFC - continued

Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	25+
LWN1601-6	175-754	14,969.00	14,595.00	14,230.00	--
LWN2660-6	175-766	16,262.00	15,856.00	15,459.00	--
LWN1801-6	309-7419	14,969.00	14,692.00	14,414.00	--
Battery Charger Versions					
LWN1240-6M1	505-9793	17,043.00	16,873.00	16,041.00	--
LWN1740-6M1	505-9811	13,962.00	13,822.00	13,386.00	--
S-KSMH24-2.27-30-2	505-9800	3,770.00	3,714.00	3,439.00	3,228.00
S-KSMH48-2.27-30-2	505-9823	3,770.00	3,671.00	3,369.00	3,228.00

TIS Series, 50-600W



- Industrial power supplies for DIN-Rail mounting
- Robust, low profile metal case
- Selectable 115/230V ac
- Adjustable output voltage
- Parallel operation possible
- EMI/EMC complies with EN50081-2 and EN50082-1
- Worldwide safety approvals
- 3 year manufacturer's warranty

Input Voltage	93-132/187-264V ac, switch selectable (model TIS 500-124-230 :187-264V ac only)
Line Regulation	±0.2% Max.
Load Regulation	±1.0% Max.
Ripple & Noise	<50mV pk-pk typ.
Conducted EMI	EN 55011, Class B
Short Circuit Protection	Current limit at 110% lout max. (constant current)
Operating Temperature	-25°C to +70°C, above 50°C derating 2%/°C
Safety Standards/Approval	IEC/EN 60950, cUL/UL 1950, UL 508C listed, UL 1604 listed, CB report
Case material	Aluminium/Stainless Steel
Mounting	Snap-On on 35mm DIN-Rail
Connection	Plugable Screw Terminals (Plugs included)

Power	Output Voltage	Output Current	Dimensions (WxHxD)	Mfrs. List No.	Order Code
50W	24V dc (24-28)	2A	75x100x56.7mm	TIS 050-124	124-2577
75W	24V dc (24-28)	3A	90x114.6x56.7mm	TIS 075-124	124-2578
75W	48V dc (48-52)	1.5A	90x114.6x56.7mm	TIS 075-148	119-6514
150W	24V dc (24-28)	6A	157x114.6x56.7mm	TIS 150-124	124-2579
150W	48V dc (48-52)	3A	157x115x57mm	TIS 150-148	500-1341
300W	24V dc (24-28)	12A	207x114.6x83mm	TIS 300-124	124-2580
500W	24V dc (24-28)	20A	220x130x83mm	TIS 500-124-230	124-2582
600W	24V dc (24-28)	24A	243x177.2x83mm	TIS 600-124	124-2583

Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	+
TIS 050-124	124-2577	5,332.00	--	--	--
TIS 075-124	124-2578	6,297.00	--	--	--
TIS 075-148	119-6514	8,998.00	8,547.00	8,100.00	--
TIS 150-124	124-2579	8,992.00	--	--	--
TIS 150-148	500-1341	12,918.00	12,271.00	11,624.00	--
TIS 300-124	124-2580	12,358.00	--	--	--
TIS 500-124-230	124-2582	17,891.00	--	--	--
TIS 600-124	124-2583	19,774.00	--	--	--

72-600 Watt Industrial DIN Mount

TSP Series



- Rugged metal case design for harsh industrial environments
- Worldwide use - autoselect input and international safety approvals
- Compliance to UL 1604 and IEC 60079-15
- Variable output voltage
- Low output ripple
- Indefinite short circuit, overvoltage and overtemperature protection
- Remote on/off
- Redundancy module
- Buffer module for power backup
- 3 year product warranty

Input Voltage	85-132/187-264 VAC, 47/63Hz
Line Regulation	±0.5% Max.
Load Regulation	±0.5%
Ripple & Noise	<100 mV pk-pk (200mV pk-pk max. at Imax)
EMI Suppression	EN 55022, Class B, EN55022, Class B EN 61000-3-2, EN 61204-3
Noise Immunity	EN 61000-6-2, EN 61204-3 (Industrial Environment)
Output current limitation	at 180% typ. (constant current, automatic recovery)
Output characteristic	selectable for parallel operation or battery charging applications
Over voltage protection	12V (12VDC modes) and 35V (24VDC models)
Operating Temperature	-25°C to +70°C
Safety Standards/Approval	UL/cUL 1950 recognised, UL 508C listed, UL 1604, IEC/EN 60950, IEC/EN 60079-15 EN 50178, EN60204, EN 61558-2-8,

Case aluminium (chassis)/ zinc plated steel (cover)
Mounting DIN-rails as per EN 50022-35x15/7.5 (snap-on with self locking spring) or wall mounting bracket (option)

Standard Modules

Mfrs. List No.	Output Power (max)	Voltage Output	Output Current	Dimensions (WxHxD)	Order Code
TSP 070-112	78W	12V dc (12-14)	6.5A	35.0x110.0x110.0	820-5388
TSP 090-124	90W	24V dc (24-48)	3.8A	35.0x110.0x110.0	820-5396
TSP 140-112	156W	12V dc (12-14)	13.0A	54.0x110.0x110.0	820-5400
TSP 180-124	180W	24V dc (24-48)	7.5A	54.0x110.0x110.0	820-5418
TSP 360-124	360W	24V dc (24-48)	15.0A	80.0x125.0x125.0	820-5426
TSP 600-124	600W	24V dc (24-48)	25.0A	165.0x125.0x125.0	820-5434

Redundancy Module

Mfrs. List No.	Input Voltage	Max Power Input	Output Voltage	Dimensions (WxHxD)	Order Code
TSP-REM360	2x 24V dc	2x 360W	24V dc	35.0x110.0x110.0	820-5442

Buffer Module

Mfrs. List No.	Input Voltage	Buffer Time	Output Power (max)	Dimensions (WxHxD)	Order Code
TSP-BFM24	24-28V dc	200ms typ@25A 4s max @ 1.2A	600W	54.0x110.0x110.0	820-5450

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
TSP 070-112	820-5388	5,383.00	5,074.00	4,911.00
TSP 090-124	820-5396	4,685.00	4,416.00	4,276.00
TSP 140-112	820-5400	7,077.00	6,671.00	6,460.00
TSP 180-124	820-5418	6,379.00	6,013.00	5,823.00
TSP 360-124	820-5426	10,765.00	10,148.00	9,825.00
TSP 600-124	820-5434	12,758.00	12,026.00	11,645.00
TSP-REM360	820-5442	6,379.00	6,013.00	5,823.00
TSP-BFM24	820-5450	7,535.00	7,103.00	6,877.00

6W to 60W, Unregulated Din Rail PSU's

DCT Series



- 230V ac input, 12 or 24V dc (nom) output power supply/safety isolating transformer
- Manufactured to EN61558, VDE0570
- Fully encapsulated in a plastic housing
- Designed for easy installation on DIN EN50022 rails
- 3.75kV input/output flash tested
- Screw terminals for both input and output
- Efficiency 75% typical
- Integral fuse and thermal cut-out to give protection against overload and short circuits

Input Voltage	Output Voltage	Output Power	Output Current	Dimensions (WxHxD)	Weight	Mfrs. List No.	Order Code
230V ac (+6%, -10%)	12V	6W	0.5A	71x63x94mm	0.45kg	DCT12-0.5	121-8784
230V ac (+6%, -10%)	12V	12W	1A	71x63x94mm	0.51kg	DCT12-1	121-8786
230V ac (+6%, -10%)	12V	48W	4A	159x63x94mm	1.90kg	DCT12-4	121-8787
230V ac (+6%, -10%)	24V	12W	0.5A	71x63x94mm	0.52kg	DCT24-0.5	121-8788
230V ac (+6%, -10%)	24V	36W	1.5A	106x63x94mm	1.09kg	DCT24-1.5	121-8789
230V ac (+6%, -10%)	24V	60W	2.5A	159x63x94mm	1.93kg	DCT24-2.5	121-8790

Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	+
DCT12-0.5	121-8784	2,391.00	2,284.00	2,186.00	--
DCT12-1	121-8786	2,873.00	2,745.00	2,626.00	--
DCT12-4	121-8787	4,829.00	4,612.00	4,413.00	--
DCT24-0.5	121-8788	2,634.00	2,513.00	2,406.00	--
DCT24-1.5	121-8789	3,622.00	3,460.00	3,311.00	--
DCT24-2.5	121-8790	4,658.00	4,457.00	4,265.00	--