ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *TDK Lambda / Coutant HSB24-1.2* at our website: *Click HERE*

Low Cost Linear Power Supplies

Features

- Low Output Ripple
- Single and Multiple Outputs
- Excellent Line & Load Regulation
- Worldwide Voltage Taps
- Industry standard footprint
- Operation up to 70C Ambients



Key Market Segments & Applications

- Test & Measurement — Burn-in & Test, Automated Test, Instrumentation, Measurement, Detection
- Low noise applications
- Light Industrial

RoHS

Specifications

Model		
AC Input	-	100/120/220/230/240VAC, 47-63Hz (derate by 10% for 50Hz operation)
Efficiency	-	5V: 45%, 12/15V: 55%, 24V: 60%
Transient Response	-	50us for 50% load change
EMI	-	FCC Class B, VDE0871 Level B
Output Adjustment	-	±5% for all outputs (except outputs 2 & 3 on triple output models)
Remote Sense	-	On all single output models, HDC12 & HDC15, and output 1 of triple output models
Line Regulation	-	±0.05% for 10% line change
Load Regulation	-	±0.05% for 50% load change
Ripple and Noise	-	<3mV peak to peak
Overcurrent Protection	-	Foldback with automatic recovery (Contact factory before adjusting)
Overvoltage Protection	-	Standard on 5V outputs set at 6.2V ±0.4V OVP12 module sold separately for other outputs (see model selector)
Cooling	-	Convection or forced air
Operating Temp. Range	-	0 to +70°C, derate 3%/°C above 50°C
Storage Temperature	°C	-55 to +85°C
Temperature coefficient	-	±0.01% per °C
Humidity	-	5 - 95% RH (non condensing)
Leakage Current	uA	<50uA
Vibration	-	MIL-STD-810C, Method 514
Shock	-	MIL-STD-810C, Method 516
Safety Agency Approval	-	UL60950-1, EN60950-1, CE Mark
Size	-	Please see outline drawings
Warranty	-	Two years

Note: See Installation Manual for full details, test methods of parameters and application notes

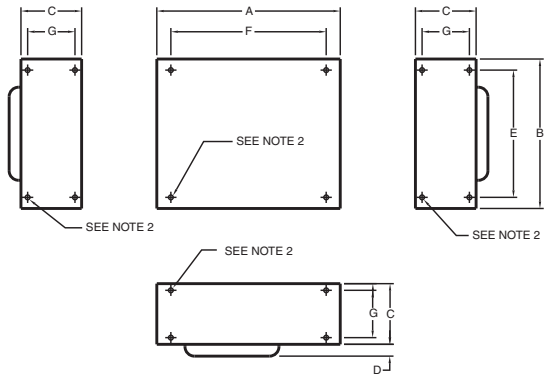
OBSOLETE

2 Output Module Codes

	Model	Output	Output (V)	Max Current (A)	Power (W)
Single Output	HSB5-3-OVP	V1	5	3.0	15.0
	HSC5-6-OVP	V1	5	6.0	30.0
	HSN5-9-OVP	V1	5	9.0	45.0
	HSD5-12-OVP	V1	5	12.0	60.0
	HSB12-1.7	V1	12	1.7	20.4
	HSC12-3.4	V1	12	3.4	40.8
	HSN12-5.1	V1	12	5.1	61.2
	HSB15-1.5	V1	15	1.5	22.5
	HSC15-3	V1	15	3.0	45.0
	HSN15-4.5	V1	15	4.5	67.5
	HSB24-1.2	V1	24	1.2	28.8
	HSC24-2.4	V1	24	2.4	57.6
	HSN24-3.6	V1	24	3.6	86.4
	HSD24-4.8	V1	24	4.8	115.2
	HSB28-1.0	V1	28	1.0	28.0
	HSC28-2.0	V1	28	2.0	56.0
	HSN28-3.0	V1	28	3.0	84.0
	HSD28-4.0	V1	28	4.0	112.0
Dual Output	HDA12-15	V1	+12/15	1.0/0.8	24.0
		V2	-12/15	1.0/0.8	
	HDB12-15	V1	+12/15	1.8/1.5	40.0
		V2	-12/15	1.8/1.5	
	HDC12	V1	12*	3.4	80.0
		V2	12*	3.4	
	HDC15	V1	15*	3.0	80.0
		V2	15*	3.0	
Triple Output	HTC1	V1	5*	3.0	40.0
		V2	+12/15	1.0/0.8	
		V3	-12/15	1.0/0.8	
	HTD1	V1	5*	6.0	70.0
		V2	+12/15	1.7/1.5	
		V3	-12/15	1.7/1.5	
Accessories	OVP12 Adjustable 6.2-34V, 8A continuous, 12A peak				

* Isolated Outputs

H Outline Drawing



DIMENSIONS:

MODEL		A	B	C	D	E	F	G
HSB	A	4.881 (124.0)	3.976 (101.0)	1.614 (41.0)	.314 (8.0)	3.385 (86.0)	4.13 (105.0)	-
HSC	B	4.881 (124.0)	5.629 (143.0)	2.480 (63.0)	.472 (12.0)	4.881 (124.0)	4.13 (105.0)	1.28 (32.5)
HSN	C	4.881 (124.0)	7.007 (178.0)	2.755 (70.0)	.472 (12.0)	6.259 (159.0)	4.13 (105.0)	1.259 (32.0)
HSD	I	4.881 (124.0)	8.818 (224.0)	2.755 (70.0)	.590 (15.0)	7.992 (203.0)	4.13 (105.0)	1.259 (32.0)
HDA	H	4.015 (102.0)	6.496 (165.0)	1.653 (42.0)	.314 (8.0)	5.748 (146.0)	3.38 (86.0)	-
HDB	D	4.881 (124.0)	7.007 (178.0)	2.755 (70.0)	.472 (12.0)	6.259 (159.0)	4.13 (105.0)	1.259 (32.0)
HDC	I	4.881 (124.0)	8.818 (224.0)	2.755 (70.0)	.590 (15.0)	7.992 (203.0)	4.13 (105.0)	1.259 (32.0)
HTC	F	4.015 (102.0)	10.236 (260.0)	2.519 (64.0)	.314 (8.0)	9.251 (235.0)	3.38 (86.0)	1.259 (32.0)
HTD	G	4.881 (124.0)	11.023 (280.0)	2.755 (70.0)	.590 (15.0)	7.480 (190.0)	4.13 (105.0)	1.259 (32.0)

WEIGHT:

MODEL	LBS
HSB	1.98
HSC	3.96
HSN	5.94
HSD	7.48
HDA	1.98
HDB	3.96
HDC	7.48
HTC	5.06
HTD	7.92

NOTE:
1. DIMENSIONS ARE IN INCHES EXCEPT DIMENSIONS ( ) ARE IN MM.
2. .188 (4.8) HOLES FOR CUSTOMER MTG.

Other Industrial Products

HWS	15 to 1800W single output (switching)
NNS	15 to 90W high reliability (linear)
ZWS	5 to 150W single output, universal input (switching)
VSB & VSC	10 to 150W single output, 115VAC input (switching)

For Additional Information, please visit
us.tdk-lambda.com/lp/products/h-series.htm

OBSOLETE

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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