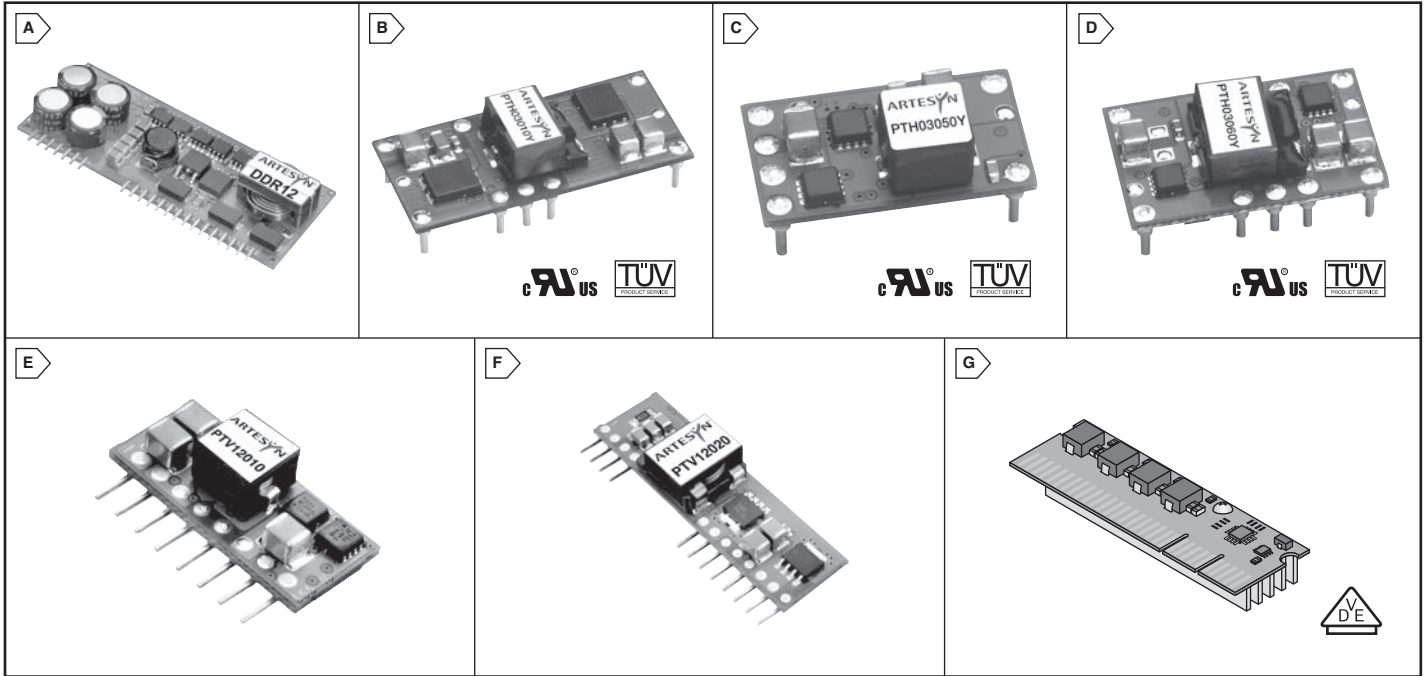


# EMERSON NETWORK POWER DC-DC Converters



## ARTESYN TECHNOLOGIES NON-ISOLATED POINT OF LOAD DC-DC CONVERTERS

### Dual Output Memory Power

The dual output DDR12 is specially designed to meet the power needs of double data rate memory DIMMS and associated memory control logic. Remote sense on V<sub>ddq</sub> and remote ON/OFF facilities are included as standard, and the converter is protected against overcurrent and overvoltage conditions.

For quantities of 400 and up, call for quote.

MOUSER STOCK NO.	Artesyn Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Output Power	Dimensions: in.			Price Each			
							L	W	H	1	50	100	200
<a href="#">826-DDR12-25D08-AJ</a>	DDR12-25D08-AJ	A	10.8-13.2VDC	2.32-2.75VDC 1.16-1.375VDC	25A 8A	69W 11W	3.00	0.50	1.20	36.47	33.36	30.45	27.53

### Single Output DDR/QDR POLA Memory Bus Termination Module

The PTHxxxxY series employs an actively switching synchronous rectifier output to provide state of the art stepdown switching conversion. The products are small in size and are an ideal choice where space, performance and high efficiency are desired.

For quantities of 400 and up, call for quote.

MOUSER STOCK NO.	Artesyn Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Output Power	Dimensions: in.			Price Each			
							L	W	H	1	10	25	50
<a href="#">826-PTH03010YAD</a>	PTH03010YAD	B	2.95-3.65VDC	0.55V-1.8V	±15A	27W	1.37	0.62	0.35	23.54	21.54	19.66	17.77
<a href="#">826-PTH05050YAD</a>	PTH05050YAD	C	4.5-5.5VDC	0.55V-1.8V	±6A	10.8W	0.87	0.50	0.34	14.02	12.83	11.71	10.58
<a href="#">826-PTH05060YAH</a>	PTH05060YAH	D	4.5-5.5VDC	0.55V-1.8V	±10A	18W	1.00	0.62	0.35	19.90	18.21	16.61	15.02
<a href="#">826-PTH05010YAH</a>	PTH05010YAH	B	4.5-5.5VDC	0.55V-1.8V	±15A	27W	1.37	0.62	0.35	23.54	21.54	19.66	17.77
<a href="#">826-PTH12050YAD</a>	PTH12050YAD	C	10.8-13.2VDC	0.55V-1.8V	±6A	10.8W	0.87	0.50	0.34	14.02	12.83	11.71	10.58
<a href="#">826-PTH12060YAD</a>	PTH12060YAD	D	10.8-13.2VDC	0.55V-1.8V	±10A	18W	1.00	0.62	0.35	19.90	18.21	16.62	15.02

### POLA Non-Isolated DC-DC Converters PVT Series (20-88W)

Artesyn's POLA converters are pin-for-pin compatible with those produced by other members of the Point-of-Load Alliance. The PTV Series is a single output DC-DC converter with Auto-Track feature and a wide output voltage range.

For quantities of 400 and up, call for quote.

MOUSER STOCK NO.	Artesyn Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Output Power	Dimensions: in.			Price Each			
							L	W	H	1	10	25	50
<a href="#">826-PTV03010WAD</a>	PTV03010WAD	E	2.95-3.65VDC	0.8-2.5V	8A	20W	0.90	0.33	0.40	14.02	12.83	11.71	10.58
<a href="#">826-PTV03020WAD</a>	PTV03020WAD	F	2.95-3.6VDC	0.8-2.5V	18A	45W	1.75	0.37	0.50	23.54	21.54	19.66	17.77
<a href="#">826-PTV05010WAD</a>	PTV05010WAD	E	4.5-5.5VDC	0.8-3.6V	8A	28.8W	0.90	0.33	0.40	14.02	12.83	11.71	10.58
<a href="#">826-PTV05020WAD</a>	PTV05020WAD	F	4.5-5.5VDC	0.8-3.6V	18A	64.8W	1.75	0.37	0.50	23.54	21.54	19.66	17.77
<a href="#">826-PTV12010LAD</a>	PTV12010LAD	E	10.8-13.2VDC	0.8-1.8V	8A	15W	0.90	0.33	0.40	14.02	12.83	11.71	10.58
<a href="#">826-PTV12010WAD</a>	PTV12010WAD	E	10.8-13.2VDC	1.2-5.5V	8A	44W	0.90	0.33	0.40	14.02	12.83	11.71	10.58
<a href="#">826-PTV12020LAD</a>	PTV12020LAD	F	10.8-13.2VDC	0.8-1.8V	16A	28.8W	1.75	0.37	0.50	23.54	21.54	19.66	17.77
<a href="#">826-PTV12020WAD</a>	PTV12020WAD	F	10.8-13.2VDC	1.2-5.5V	16A	88W	1.75	0.37	0.50	23.54	21.54	19.66	17.77

### VRM Processor Power Point of Load DC/DC Converters

The VRM is a non-isolated DC-DC converter in a compact size, designed to meet the fast transient response requirements of today's microprocessors and fast switching logic.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Artesyn Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Output Power	Dimensions: in.			Price Each			
							L	W	H	1	10	25	50
<a href="#">826-VRM10-85-12UY</a>	VRM10-85-12-UY	G	11.0-12.6VDC	0.84-1.6V	85A	136W	3.19	0.92	1.24	58.50	53.52	48.85	44.17