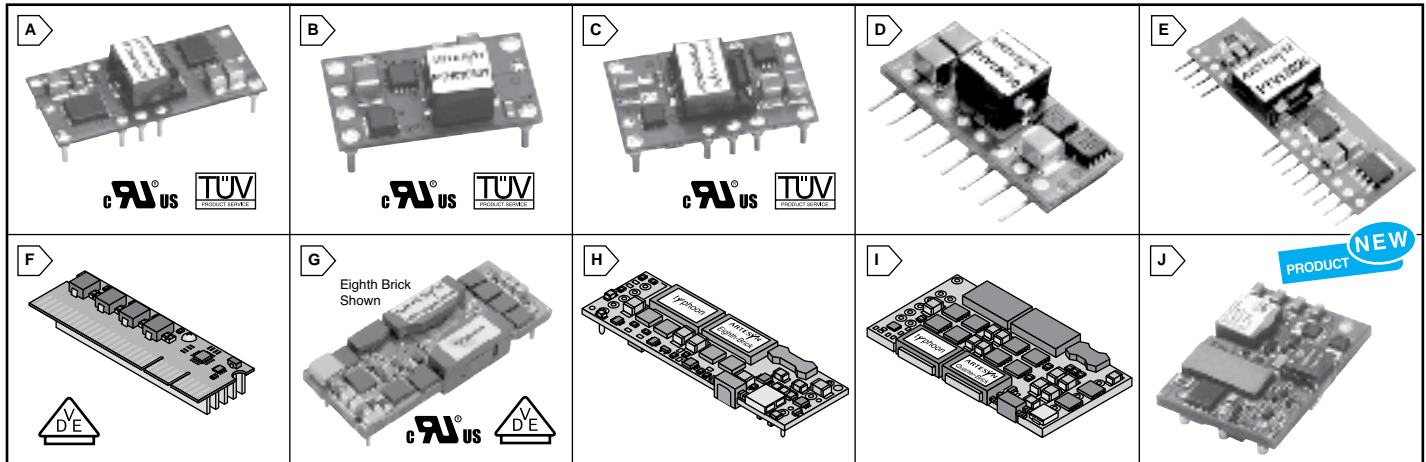


EMERSON NETWORK POWER DC-DC Converters



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

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
826-PTH03010YAD	PTH03010YAD	A	2.95-3.65VDC	0.55V-1.8V	±15A	27W	1.37	0.62	0.35				
826-PTH05050YAD	PTH05050YAD	B	4.5-5.5VDC	0.55V-1.8V	±6A	10.8W	0.87	0.50	0.34				
826-PTH12050YAD	PTH12050YAD	B	10.8-13.2VDC	0.55V-1.8V	±6A	10.8W	0.87	0.50	0.34				
826-PTH12060YAD	PTH12060YAD	C	10.8-13.2VDC	0.55V-1.8V	±10A	18W	1.00	0.62	0.35				

POLA Non-Isolated DC-DC Converters PTV 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.

MOUSER STOCK NO.	Artesyn Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Output Power	0.90	0.33	0.40				
826-PTV03010WAD	PTV03010WAD	D	2.95-3.65VDC	0.8-2.5V	8A	20W	0.90	0.33	0.40				
826-PTV03020WAD	PTV03020WAD	E	2.95-3.6VDC	0.8-2.5V	18A	45W	1.75	0.37	0.50				
826-PTV05010WAD	PTV05010WAD	D	4.5-5.5VDC	0.8-3.6V	8A	28.8W	0.90	0.33	0.40				
826-PTV05020WAD	PTV05020WAD	E	4.5-5.5VDC	0.8-3.6V	18A	64.8W	1.75	0.37	0.50				
826-PTV12010LAD	PTV12010LAD	D	10.8-13.2VDC	0.8-1.8V	8A	15W	0.90	0.33	0.40				
826-PTV12010WAD	PTV12010WAD	D	10.8-13.2VDC	1.2-5.5V	8A	44W	0.90	0.33	0.40				
826-PTV12020LAD	PTV12020LAD	E	10.8-13.2VDC	0.8-1.8V	16A	28.8W	1.75	0.37	0.50				
826-PTV12020WAD	PTV12020WAD	E	10.8-13.2VDC	1.2-5.5V	16A	88W	1.75	0.37	0.50				

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.

MOUSER STOCK NO.	Artesyn Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Output Power	3.19	0.92	1.24				
826-VRM10-85-12UY	VRM10-85-12-UY	F	11.0-12.6VDC	0.84-1.6V	85A	136W	3.19	0.92	1.24				

ARTESYN TECHNOLOGIES ISOLATED DC-DC CONVERTERS

The IBC series is a high power density, low profile Intermediate Bus Converters with elevated conversion efficiency, open-frame construction, and superior thermal performance. All models are fully protected against overcurrent, overvoltage, and overtemperature. A positive logic primary referenced remote ON/OFF input is included as standard with negative logic available as an option.

Intermediate Bus Converters

For quantities of 400 and up, call for quote.

MOUSER STOCK NO.	Artesyn Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Output Power	Regulation		Dimensions: in.			Price Each			
							Line %	Load %	L	W	H	1	50	100	200
Eighth-Brick (200-300W)															
826-IBC17AEW4812-REJ	IBC17AEW4812-REJ	G	36-75VDC	12V	17A	200W	±1.0%	±1.5%	2.30	0.90	0.45				
826-IBC20AES4812-REJ	IBC20AES4812-REJ	G	42-53VDC	12V	20A	240W	±0.3%	±1.5%	2.30	0.90	0.45				
826-IBC25AET4812-REJ	IBC25AET4812-REJ	G	42-53VDC	12V	25A	300W	+10,-12.5%	±1.5%	2.30	0.90	0.45				
Quarter-Brick (336-450W)															
826-IBC28AQW4812-REJ	IBC28AQW4812-REJ	G	36-75VDC	12V	28A	336W	±1.0%	±2.0%	2.30	1.45	0.45				
826-IBC30AQS4812-REJ	IBC30AQS4812-REJ	G	42-53VDC	12V	30A	360W	±0.3%	±1.5%	2.30	1.45	0.45				
826-IBC38AQT4812-REJ	IBC38AQT4812-REJ	G	42-53VDC	12V	37.5A	450W	+10,-12.5%	±1.5%	2.30	1.45	0.45				

Isolated DC-DC Converters • Remote on/off (negative)

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
Eighth-Brick (30-100W)													
826-LES50A48-1V2REJ	LES50A48-1V2REJ	H	36-75VDC	1.2V	50A	60.0W	2.30	0.90	0.34				
Quarter-Brick (72-145W)													
826-LQ100A48-1V2REJ	LQS100A48-1V2REJ	I	36-75VDC	1.2V	100A	120W	2.30	1.45	0.34				
826-LQS50A48-1V5REJ	LQS50A48-1V5REJ	I	36-75VDC	1.5V	50A	75W	2.30	1.45	0.34				
826-LQS80A48-1V5REJ	LQS80A48-1V5REJ	I	36-75VDC	1.5V	80A	120W	2.30	1.45	0.34				
826-LQS50A48-1V8REJ	LQS50A48-1V8REJ	I	36-75VDC	1.8V	50A	90W	2.30	1.45	0.34				
826-LQS80A48-1V8REJ	LQS80A48-1V8REJ	I	36-75VDC	1.8V	80A	144W	2.30	1.45	0.34				
826-LQS50A48-2V5REJ	LQS50A48-2V5REJ	I	36-75VDC	2.5V	50A	125W	2.30	1.45	0.34				
Sixteenth-Brick (18-35W)													
826-ALD03B48N-L	ALD03B48N-L	J	36-75VDC	12.0V	2.75A	33W	1.30	0.90	0.35				
826-ALD07A48N-L	ALD07A48N-L	J	36-75VDC	5.0V	7.00A	35W	1.30	0.90	0.35				
826-ALD10F48N-L	ALD10F48N-L	J	36-75VDC	3.3V	10.0A	33W	1.30	0.90	0.35				
826-ALD11G48N-L	ALD11G48N-L	J	36-75VDC	2.5V	11.0A	27.5W	1.30	0.90	0.35				
826-ALD13Y48N-L	ALD13Y48N-L	J	36-75VDC	1.8V	13.0A	23.4W	1.30	0.90	0.35				
826-ALD15M48N-L	ALD15M48N-L	J	36-75VDC	1.5V	15.0A	22.5W	1.30	0.90	0.35				
826-ALD15K48N-L	ALD15K48N-L	J	36-75VDC	1.2V	15.0A	18W	1.30	0.90	0.35				