

DIN RAIL, DC TO DC CONVERTERS

PRODUCT
GROUP
R

**TYPES: YW300D5D, YW300D12D, YW300D24D
YW1000D5D, YW1000D12D, YW1000D24D**

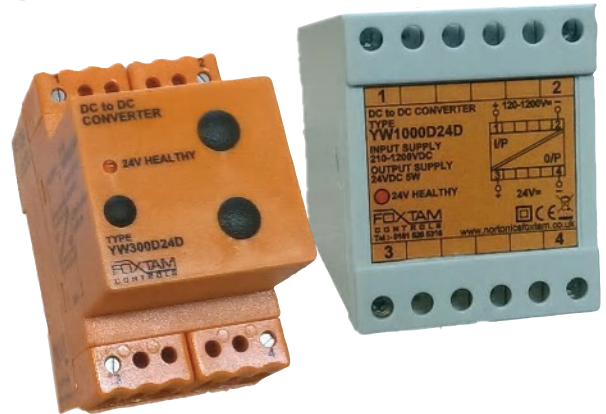
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FEATURES

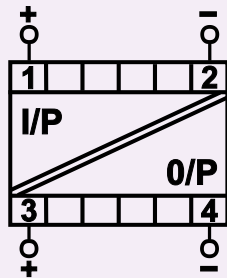
- Din rail mounted
- Output supply healthy LED indication
- Indefinite short circuit protection
- I/O isolation 4000VDC
- Wide input voltage range 85-370VDC & 210-1200VDC
- Outputs 5VDC, 12VDC, 24VDC
- 5 Watts or 15 Watts output
- CE marked
- RoHS compliant

DESCRIPTION

Conveniently packaged range of Din rail mounted DC/DC converters with wide ranging input supplies. High efficiency operation with low output noise. These DC/DC converters feature LED indication for healthy output supply. All terminal details along with CE mark is clearly marked on the side of the housing.

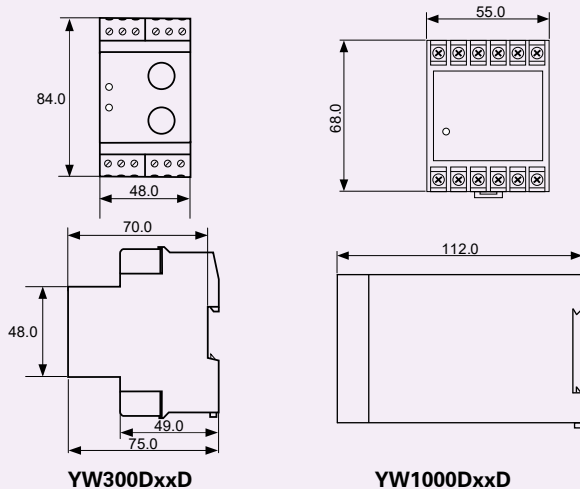


CONNECTIONS



IMPORTANT NOTE: Polarity matters, incorrect connection will not just cause non operation but also cause product failure.

DIMENSIONS



SPECIFICATIONS

	300VDC	1000VDC
Input		
Nominal voltage inputs:	300VDC	1000VDC
Input voltage ranges:	85-370VDC	210-1200VDC
Input power no load:	<200mW	<40mW
Efficiency:	79%	82%
Output		
Output voltages & currents:	5VDC/1Amps 12VDC/410mA 24VDC/208mA	5VDC/3A 12VDC/1.25A 24VDC/0.625A
Output power:	5 Watts	15 Watts
Voltage output accuracy:	± 2%	
Regulation:	0.5%	
Ripple:	< 100mV peak to peak	
Max overload:	10%	
Short circuit protection:	Indefinite (automatic recovery)	
General		
Operating Temperature:	-25°C to +50°C	
Storage Temperature:	-40°C to +65°C	
Humidity:	Max 95% RH	
Output load de-rating:	3.75%/°C	
MTBF:	>215,000 hours @ 25°C	
Isolation input to output:	4000VDC for 1 min	
CE marked:	Yes	
Housing material:	Poly carbonate Auto extinguish UL94V-0	
Environmental Compliance:	RoHS	

ORDERING INFORMATION

Type	Input Voltage	Output Voltage
YW300D5D	85-370VDC	5VDC
YW300D12D	85-370VDC	12VDC
YW300D24D	85-370VDC	24VDC
YW1000D5D	210-1200VDC	5VDC
YW1000D12D	210-1200VDC	12VDC
YW1000D24D	210-1200VDC	24VDC