

**Trailer Electrical Interface
Model ETC 1224B**

ISO 1185
Output (24V)



SAE 560
Input (12V)



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Input (12V)



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Design Features

- Wide Range Input Voltage
- High Efficiency Design
- Hi Ingress Rating, IP 676
- Low Voltage Cutout
- High Voltage Cutout
- Electronically Current Limited
- Thermally Protected
- Low No Load Power Consumption
- All Aluminum Anodized Housing
- 6 Point Mounting

Input/Output Function Table for ETC 1224B							
Function	Color	(12 Volts) INPUT		→	(24 Volts) OUTPUT		
		JAE 560	Pin #		ISO 1185	Pin #	
		Color	Pin #		Color	Function	
Ground	White	White	1	X	1	White	Ground
Clearance, ID, Lights	Black	Black	2	X	2	Black	Left Side - Tail, Marker, Clearance, License Lights
Left Turn Sig.	Yellow	Yellow	3	X	3	Yellow	Left Turn Sig.
Normal Stop Lights	Red	Red	4	X	4	Red	Normal Stop Lights
Right Turn Signal	Green	Green	5	X	5	Green	Right Turn Signal
Tail, Marker, License Lights	Brown	Brown	6	X	6	Brown	Right Side - Tail, Marker, Clearance, License Lights
Constant Power	Blue	Blue	7	X	7	Blue	Trailer Aux Power

INPUT VOLTAGE RANGE	11-17 VDC (nominal) Will withstand up to 24V
INPUT CURRENT	20A max. per Circuit
OUTPUT VOLTAGE	25.6 +, - 0.3 V per circuit
OUTPUT CURRENT	10A per line
OUTPUT REGULATION	0.2V over entire input voltage and load current range

OPERATING TEMPERATURE	-40C to +60C
STORAGE TEMPERATURE	-60C to +125C
OVERLOAD PROTECTION	Electronic
EFFICIENCY	92% Typical
CONSTRUCTION	BLACK ANODIZED ALUMINUM
WEIGHT	14 lbs./ 6.5 kg. total

NOTE: Specifications are subject to change without notice.

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