

ISO 1185 Input (24V)



SAE 560 Output (12V)



**ISO 1185
Input (24V)**



**SAE 560
Output (12V)**

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
- Corrosion Resistant Housing
- 6 Point Mounting

Input/Output Function Table for UTC 2412B

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

INPUT VOLTAGE RANGE	21-30 VDC (nominal) Will withstand up to 36V
INPUT CURRENT	10A max. per Circuit
OUTPUT VOLTAGE	13.6 +, - 0.3 V per circuit
OUTPUT CURRENT	15A per line (BRN, BLK, RED, BLUE) 10A per line (YEL, GRN)
OUTPUT REGULATION	0.2V over entire input voltage and load current range
CORROSION RESISTANT	Salt Spray Tested per ASTM B 117

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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