

ISO 1185/SAE560
Input (12V/24V) auto adjust

Hard Wire
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



ISO 1185 or SAE 560
Input 24V/12V



Hard Wire 12V Output

Input/Output Function Table for UTC 2412BD										
		Adjusts to Input Automatically								
Function	Color	(24 Volts) INPUT	OR	(12 Volts) INPUT	Terminated Wire	Color	(12 Volts) OUTPUT	Color	Function	
		ISO 1185		Pin #			Pin #			Pin #
Ground	White	1	OR	Ground	White	1	X	1	White	Ground
Left Side - Tail, Marker, Clearance, License Lights	Black	2		Clearance, ID, Lights	Black	2	X	2	Black	Clearance, ID, Lights
Left Turn Sig.	Yellow	3		Left Turn Signal	Yellow	3	X	3	Yellow	Left Turn Signal
Normal Stop Lights	Red	4		Normal Stop Lights	Red	4	X	4	Red	Normal Stop Lights
Right Turn Signal	Green	5		Right Turn Signal	Green	5	X	5	Green	Right Turn Signal
Right Side - Tail, Marker, Clearance, License Lights	Brown	6		Tail, Marker, License Lights	Brown	6	X	6	Brown	Tail, Marker, License Lights
Trailer Aux Power	Blue	7		Constant Power	Blue	7	X	7	Blue	Constant Power

Output Cable Length - 72 in.(-0+3)

INPUT VOLTAGE RANGE	21-30 VDC OR 11-16 VDC
INPUT CURRENT	15A 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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