

**Trailer Electrical Interface
Model UTC 2412RVEB**



MS 75021-1
Input (24V)



7 Way Blade RV Connector
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
- 6 Point Mounting



Input
Input MS 75021-1



Output
7 Way Blade Connector

Input/Output Function Table for UTC 2412RVEB					
		(24 Volts) INPUT - MS 75021-1 (NATO)		(12 Volts) OUTPUT - 7 Way RV Blade Connector	
Function	Pin #		Function	Color (Pin #)	
Ground	D L	→	Ground	White 1	
Normal Side Marker Lights Normal Tail Lights	E	→	Clearance, ID, Lights Tail, Marker, License Lights	Green 3	
Aux	M	→	Battery Charge	Black 4	
Right Turn Signal & Stop	J	→	Right Turn Signal & Stop	Brown 6	
Electric Brakes	K	→	Electric Brakes	Blue 2	Direct Pass Through from Truck
Left Turn Signal & Stop	B	→	Left Turn Signal & Stop	Red 5	
NOT USED	X A, C, F, H, N				

INPUT VOLTAGE RANGE	21 VDC - 30 VDC
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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