

NATO MS 75021-1
Input



7 pin SAE 560 (ISO1185)
Output



NATO MS 75021-1 → **7 pin SAE 560 (ISO1185)**
Input → **Output**

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 J2 (Connector) SAE 560							
				OUT 1	OUT 1	OUT 1	OUT 1	OUT 1	OUT 1	OUT 1	
J1 (Connector)	wire (pin)	Function		White	Yellow	Green	Blue	Brown	Black	Red	
MS 75021-1 12 Pin NATO 24 Volts	IN 1	A	Blackout Tail	Not Used	X						
	IN 1	B	Left Turn Sig.	Not Used		X					
	IN 1	C	Convoy Lights (BO Tail)	Not Used							
	IN 1	D	Ground	Not Used	X						
	IN 1	E	Tail Lights	Not Used				X		X	
	IN 1	F	Blackout Stop Lights	Not Used							
	IN 1	H	Blackout Tail	Not Used							
	IN 1	J	Right Turn Signal	Not Used			X				
	IN 1	K	Trailer Aux Power	Not Used				X			
	IN 1	L	Ground	Not Used	X						
	IN 1	M	Normal Stop Lights	Not Used							X
	IN 1	N	Reverse Lights	Not Used							

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

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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