

TRANSPO Internet Catalog

ELECTRONICS INCORPORATED

V1200 REG VOYAGER 12V

replacing OE **FORD**



Voltage Set Point: **14.2 V**

Regulation: **B-Circuit**

- »» Voyager Series Regulator
- »» Adjustable Voltage
- »» Precise Digital Regulation
- »» Short Circuit Protected
- »» High Current Capability
- »» Over Voltage protection
- »» Ignition or Light circuit activated with High Side Regulation (B-Circuit)
- »» Protected Against Loss of Ground and Under Voltage
- »» LED'S for Easy Troubleshooting
- »» Fault Detection Indicators

FOR USE ON: [EMV](#), [Limo](#), [Marine](#), [Police Car](#), [RV](#), [Taxi](#)..

Availability : **Stock item**

Transpo Alternative Products..

Transpo..	Description..
V1200	REG VOYAGER 12V
V2400	REG VOYAGER 24V

Original & X-References..

J&N ELECTRIC

230-22011

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Model No.:	V1200	Desc.:	Voyager Series Voltage Regulator -	Product:	Vreg	
System Voltage:	12 Volt	System Type:	"B" Circuit (High Side Drive)	Excitation:	Ind. LED	
Terminal Designation:	B+, F, L, B-, S1, S2	Comments:	V1200 base model. High current application, with over current protection, loss of ground protection, and light drive limiting.			
ITEM	PARAMETERS AND CONDITIONS	SYMBOL	MIN.	TYP.	MAX.	UNITS
1.0	Operating Temperature Range	TOP	-40		125	'C
2.0	Field Current	IF		8	10	Amps
3.0	Voltage Set Point 4000 RPM with no load	VSET		14.20		Volts
4.0	Regulation vs. Speed 1500 to 4500 RPM with no load	VSPD		-0.01		Volts
5.0	Regulation vs. Load 6000 RPM with no load to 90% full load	VLOAD		-0.20		Volts
6.0	Saturation Voltage @ 8A	VSAT		0.41		Volts
7.0	LRC Delay Time (Seconds)			2.5		Sec.
7.5	Soft-Start Frequency	S.S		70		Hz
8.0	Standby Current Drain Key off, V _{bat} = 12.6V	I _b		2.8		mAmps
9.0	Temperature Coefficient	T.C.		0.00		mV/C
10.0	Secondary Voltage	VSEC		--		Volts
11.0	Activation Current			2.0		mAmps