



Technical Data Sheet

B-00371-1	14V SINGLE ENGINE ALTERNATOR CONTROL
Duty Voltage Factory Set To Load Current Over-Voltage Trip Point Over-Voltage Trip Time Weight Dimensions	Continuous PWM 14.0V 5A Max. 16.0V 0.5V Above Trip Point = 0.50 seconds; 3.0V Above Trip Point = 0.15 seconds 0.3lb Max. 31/2"L x 31/8"W x 13/4"H
PINOUT	FUNCTION
Red Black Blue	Supply, 14V Nominal from alternator switch/field circuit breaker Ground Output, Field terminal of alternator
OPERATION NOTES	DESCRIPTION
Note 1: Note 2: Note 3: Note 4:	Operating Caution: When used with an operating alternator, do not bypass bus to field as a means of checking the alternator or the over-voltage protection action. Over-voltage protection is incorporated which latches off regulator output after an over-voltage event. This unit is self protected against damage due to output (field) circuit being shorted to ground. A short will latch output off until reset. Rest of latch off caused by either over-voltage or shorted output is accomplished by momentary turn off of supply voltage.
PART NUMBER	AIRCRAFT ELIGIBILITY
B-00371-1 557-337 B-00371-2 B-00371-4 B-00371-5 B-00371-7 B-00371-8 B-00371-9 B-00371-10 B-00371-11 B-00371-12 B-00371-13 B-00371-14 B-00371-15 B-00371-16	Piper PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-181, PA-28-201T, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28S-160, PA-28S-180, PA-32-260, PA-32-300, PA-32-301, PA-32-301FT, PA-32-301T, PA-32-301XTC, PA-32R-300, PA-32R-301(HP), PA-32R-301(SP), PA-32R-301T, PA-32RT-300, PA-32RT-300T, PA-32S-300, PA-38-112, Zenair CH2000, Robinson R22, R22 Alpha, R22 Beta, R22 Mariner, Taylorcraft 2000 BC, BCS, BC-65, BCS-65, BC12-65 (Army L-2H), BCS12-65, BC12-D, BCS12-D, BC12-D1, BCS12-D1, BC12D-85, BCS12D-85, BC12D-4-85, BCS12D-4-85, 19, F19, F21, F21A, F21B, F22, F22A, F22B, F22C, Socata TB 9, TB 10, TB 20, TB 21, TB 200, TBM 700, Apex Aircraft(Avions Pierre Robin – France/Canada) R3000/160, (Avions Mudry) CAP10B, Alpha Aviation Concept(Avions Pierre Robin – France/Canada) R2160, Maule M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420A, M-7-420AC, M-8-235, MT-7-235, MT-7-260, MT-7-420, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180AC, MX-7-180B, MX7-180C, MX-7-235, MX-7-420, MXT-7-160, MXT-7-180, MXT-7-180A, Enstrom F-28, F28A, F-28C, F-28C-2, F-29C-2R, F-28F, F-28F-R, 280, 280C, 280F, 280FX, 480, 380B, TH-28, Slingsby Aviation T67M260, T67M260-T3A, FFA AS 202/15 "Bravo", AS 202/18A "Bravo", AS 202/18A4 "Bravo", Vulcanair S.p.A.(Partenavia) P68, P68B, P68C, P68C-TC, P68 "Observer", AP68TP300 "Spartacus", P68TC "Observer", AP68TP 600 "Viator", P68 "Observer 2", American Champion 11AC, S11AC, 11BC, S11BC,7AC, 7ACA, S7AC, 7BCM, 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCB, 7HC, 7JC, 7KC, 7KCAB, 8KCAB, 8GCBC, Brantly (YHO 3BR) B-2, B-2A, B-2B, 305

NOTE: Installer must cross-check eligibility with applicable technical data.

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