



Technical Data Sheet

B-00368-17	28V SINGLE ENGINE ALTERNATOR CONTROL
Duty Voltage Factory Set To Load Current Over-Voltage Trip Point Over-Voltage Trip Time Weight Dimensions	Continuous PWM 28.0V 4A Max. 32.0V 0.5V Above Trip Point = 0.75 seconds; 3.0V Above Trip Point = 0.24 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-00368-17 B-00368-1 B-00368-3 B-00368-4 B-00368-5 B-00368-6 B-00368-7 B-00368-8 B-00368-9 B-00368-10 B-00368-11 B-00368-12 B-00368-14 B-00368-15 B-00368-18	Morovan Z-143L, Z-242L, ZLIN 526L, 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, MDHI 369 (Army YOH-6A), 369A (Army OH-6A), 369H, 369HM, 369HS, 369HE, 369D, 369F, 369FF, 500N, 600N, Alexandria Aircraft DW-1, Socata TB 9, TB 10, TB 20, TB 21, TB 200, TBM 700, Hawker Beechcraft 19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R, Slingsby Aviation T67M260, T67M260-T3A, Vulcanair S.p.A.(Partenavia) P68, P68B, P68C, P68C-TC, P68 "Observer", AP68TP300 "Spartacus", P68TC "Observer", AP68TP 600 "Viator", P68 "Observer 2", FFA AS 202/15 "Bravo", AS 202/18A "Bravo", AS 202/18A4 "Bravo", Transavia PL-12/T-300, 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, 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, Helio(Prescott) H-250, H-295, HT-295, H-391, H-391B, H-395, H-395A, H-700, H-800, 500, HST-550, HST-550A (USAF AU-24A), True Flight Holdings(Grumman) AA-1, AA-1A, AA-1B, AA-1C, AA-5, AA-5A, AA-5B, AG-5B, EADS-PZL "Warszawa-Okecie" PZL-104 Wilga 80

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

Data Sheet B-00368-17.A