



Technical Data Sheet

DGR3-1	28V SINGLE ENGINE ALTERNATOR CONTROL
Duty Regulated Voltage Load Current Over-Current Trip Point Over-Voltage Trip Point Over-Voltage Trip Time Low Voltage Set Point Indicator Bulb Weight Dimensions	Continuous PWM 28V Nominal, Adjustable Range 26V – 30V 4A Max. Approximately 6A 31.8 ± 0.3V 75 – 100mS when switched from 28V to 34V 24.5V ± 0.5V 0.1A Max. 0.5lb Max. 3 1/2"L x 3 1/2"W x 1 1/4"H
PINOUT	FUNCTION
AMP 207575-1 Connector Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Black Wire	Mates with AMP 207573-1 with 208338-1 sockets Alternator Field Remote Sense + (Alternator B+) 28V from Alternator Switch Low Voltage Warning Remote Sense – (Alternator Ground) N/C N/C Case Ground
OPERATION NOTES	DESCRIPTION
Note 1: Note 2:	Internal crowbar circuit requires a field circuit breaker for protection when over-voltage or over-current conditions are detected. This unit is hermetically sealed (potted).
PART NUMBER	AIRCRAFT ELIGIBILITY
DGR3-1 DGR3 C611005-0101 C611005-0102 C611005-0103	Cessna: 152, A152, F152, FZ152, 172H, R172, FR172, R172K, 172RG, 180K, 182Q, F182, FR182, T182, R182, TR182, A185F, A188B, T188C, A188, U206E, U206F, U206G, TU206E, TU206F, TU206G, 207, T207, 210K, 210L, 210M, 210N, T210K, T210L, T210M, T210N, P210N

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

Data Sheet DGR3-1.A