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GPS SYNC Photocell Module Hughey & Phillips

Compliance and Applications

FAA Compliant: AC 150/5345-43F Canadian Aviation Regulation 621.19 ICAO Annex 14, MIL-C-7989, DGAC of Mexico

Combining technology with ease-of-use, our third-generation GPS unit combines flash synchronization and day-night sensing, and can be installed with just one plug-in cable. This eliminates the need to mount a separate GPS unit, antenna, junction box or wiring. Reliable, glitch-free operation is assured using a crystal and the 50/60Hz power line as a zerodrift timing reference if the satellite signal is momentarily lost. Two different flash modes are provided: fixed 40 FPM or bit-switch selectable 24, 30, 40 or 60 FPM. The unit easily mounts with four screws to any surface, or pole mount using the optional bracket. Installation interconnect cable, with quick connect, plugs from GPS unit to controller unit. LEDs indicate Power, SYNC and GPS Lock status. With a rugged, weatherproof, battery-free design, our GPS unit will provide years of reliable service for your wind farm.

Specifications

Input Voltage 100-132VAC 50/60Hz, 10W max
Enclosure NEMA 4 Painted Aluminum
Operation Temperature40° to +131° F (-40° to +55° C)
Indicators
SYNC Output 15-27VDC, 100mA, 3ms pulse
SYNC Adjustments Day: 40 FPM Night: 24, 30, 40, 60 FPM
Backup SYNC Internal Crystal Clock or AC Line
External Dimensions 6-1/4" x 6-1/4" x 4-1/8"
Mounting Dimensions 5-1/8" x 6-3/4", (4) #8 Holes
Optional Mounting Bracket 1-1/4" to 2-3/4" Pole



Ordering Codes

65874366	. GPS SYNC Module
77-3259	. Photocell, 120V, 35-60 ft-cd
40002074-001	. GPS Cable, 25'
40002074-002	. GPS Cable, 50'
40002074-003	. GPS Cable, 100'
40002074-004	. GPS Cable, 150'
40002074-005	. GPS Cable, 350'
40002082-001	. Pole Mounting Kit