



**POWERFUL, RACE PROVEN
RELIABILITY IN SMALL
LIGHT-WEIGHT PACKAGES**

*High energy capacitive discharge
ignition units for all types of
high performance racing engines*

CAPACITIVE DISCHARGE IGNITION UNITS

STANDARD FEATURES

- Compact, rugged design
- High output primary
- Low current draw
- High RPM capability
- Transient voltage protection
- Reverse polarity protection
- Tach output
- Direct Mag or Hall pickup input (Super Stock)
- Low voltage operation
- CDI temperature output



BENEFITS

- Reliable mil-spec connectors
- Light weight (0.75 to 1.5 lbs)
- Operation down to 10v supply
- Built-in heatsink



CAPACITIVE DISCHARGE IGNITION *Technical Specifications*

SINGLE CHANNEL CDI

RPM range: 14,500 RPM, 8 cylinder
Output: 1 power stage
Connectors: MS3112 14-12P
Dimensions: 4.3" x 2.8" x 1.4"
Weight: 0.75 lbs
Operating current: 8 A @ 10,000 RPM



SUPERSTOCK CDI

RPM range: 14,500 RPM, 8 cylinder
Output: 1 power stage
Connectors: MS3112 14-12P
Dimensions: 4.7" x 2.8" x 1.4"
Weight: 1.0 lbs
Operating current: 8 A @ 10,000 RPM
Rev-limiter: Internal or external, adjustable



4 CHANNEL CDI

RPM range: 14,500 RPM, 8 cylinder
Output: 4 power stages
Connectors: MS3112 14-15PW
Dimensions: 4.6" x 3.6" x 1.4"
Weight: 1.0 lbs
Operating current: 10 A @ 10,000 RPM



8 CHANNEL CDI

RPM range: 16,000 RPM, 8 cylinder
Output: 8 power stages
Connectors: MS3112 14-15P
Dimensions: 4.9" x 4.8" x 1.4"
Weight: 1.4 lbs
Operating current: 10 A @ 12,000 RPM



10 CHANNEL CDI

RPM range: 12,500 RPM, 10 cylinder
Output: 10 power stages
Connectors: MS3112 14-15P
Dimensions: 5.4" x 4.8" x 1.4"
Weight: 1.5 lbs
Operating current: 12 A @ 12,000 RPM



OPERATIONAL

Enclosure: Billet 6061 Aluminum
Construction: CMOS surface mount design
Environmental: Silicone sealed
Connectors: Mil-Spec type
Power Supply: 9.7 to 20 volts transient protected
Output voltage: 400 volts
Spark energy: 105 mj/spark
Trigger input: Rising edge, 12v, 200uS (except Super Stock)
Power Consumption: less than 1 watt @ 14 volts (powered, not triggered)
Operating Temp: -40 to +85 deg C continuous

Specifications subject to change without prior notice