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Integrated ignition units



These units consist of 4 mono or 2 twin ignition coils that fit directly onto the spark plugs, eliminating the need for ignition cables.

In one simple step, connection is made simultaneously and securely to all 4 spark plugs. In addition, the use of Bougicord® technology minimizes electromagnetic interference.

Electricfil solution - ready technologies

Characteristics

- Weight < 1000 g
- Primary current: 6.5 A
- Secondary voltage: 28 kV (10 MΩ/22pF)
- Arc current: 60 mA
- Arc duration: 1.15 ms

- Energy: 36 mJ (1000 V Zener load)
- Operating temperature:
 -40°C < T < +140°C
- Ignition type: mono or twin, single- or multi-spark, sustained spark

Electricfil knowhow

- Reduced cost of the overall ignition function
- Possible integration of additional functions such as diagnostics or detection of cylinder number, cylinder pressure or sparkplug fouling.
- Bougicord® technology, minimizing electromagnetic interference.

Application domains

Engine management

[Ignition applications](#)