

MPI Ignition Control Systems (Murphy Power Ignition)

MPI Ignition Coils

IT-250FM
Smart Coil™

Flange Mount Coil
Primary Resistance: 0.83 – 1.02 ohms
Secondary Resistance: 6.2 – 7.6k ohms
Max. Output: 45kV
Duration: 400-500 uS



IT-250
Smart Coil™

Open Coil, Non-Hazardous
Primary Resistance: 0.83 – 1.02 ohms
Secondary Resistance: 6.2 – 7.6k ohms
Max. Output: 45kV
Duration: 400-500 uS
Remote Mount Coil: ITX-250RM also available



IT-230FM
Smart Coil™

Flange Mount Coil
Primary Resistance: 3.1 – 3.8 ohms
Secondary Resistance: 10.9 – 13.4k ohms
Duration: 400-500 uS



IT-230
Smart Coil™

Open Coil, Non-Hazardous
Primary Resistance: 3.1 – 3.8 ohms
Secondary Resistance: 10.9 – 13.4k ohms
Duration: 400-500 uS



ITX-230RM
Smart Coil™

Remote Mount Coil
Primary Resistance: 3.1 – 3.8 ohms
Secondary Resistance: 10.9 – 13.4k ohms
CSA Approved
Duration: 400-500 uS



ITX-150-6
Smart Coil™

6 in. Integral Coil
Primary Resistance: 0.32 – 1.02 ohms
Secondary Resistance: 7.2 – 8.9k ohms
CSA Approved
Duration: 200-300 uS



ITX-250-6; -12
Smart Coil™

Integral Coils
Primary Resistance: 0.83 – 1.02 ohms
Secondary Resistance: 6.2 – 7.6k ohms
Max Output: 45kv
Duration: 400-500 uS



ITX-150-12
Smart Coil™

12 in. Integral Coil
Primary Resistance: 0.32 – 1.02 ohms
Secondary Resistance: 7.2 – 8.9 kohms
CSA Approved
Duration: 200-300 uS



Features:

- Rated from 150 to 300 Volt.
- Patented smart coil for real time diagnostics/prognostics

Benefits:

- High quality construction for durability
- Multi-purpose designs to fit wide range of applications
- Accurate monitoring of engine conditions

Sales•Service•Support

www.murphy-pi.com

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FW Murphy Control & Instrumentation Solutions

► MPI Ignition Coils direct replacement to *Altronic® coils



ITX-200RM Remote Mount Coil
 (direct replacement to *Altronic 501061-S)
 Primary Resistance: 0.22 ohms
 Secondary Resistance: 3.7 – 4.5k ohms
 Max. Output: 40kV
 CSA Approved
 Duration: Standard



ITX-170-6; -10; -12
 6" length (direct replacement to *Altronic 501011A)
 10" length (direct replacement to *Altronic 501011B)
 12" length (direct replacement to *Altronic 501011C)
 Primary Resistance: 0.2 – 0.4 ohms
 Secondary Resistance: 8 – 10 kohms
 Max. Output: 30kV
 CSA Approved
 Duration: Standard



IT-200FM Flanged Coil
 (direct replacement to *Altronic 501018)
 Primary Resistance: 0.22 ohms
 Secondary Resistance: 3.7 – 4.5k ohms
 Max. Output: 40kV
 Duration: Standard



IT-200 Blue
 (direct replacement to *Altronic 501061)
 Unshielded Epoxy Coil
 Primary Resistance: 0.22 ohms
 Secondary Resistance: 3.7 – 4.5k ohms
 Max. Output: 40kV
 Duration: Standard



IT-200LFM Flanged Coil
 (direct replacement to *Altronic 501012)
 Primary Resistance: 0.30 – 0.37 ohms
 Secondary Resistance: 4.9 – 6.0k ohms
 Max. Output: 40kV
 Duration: Long



IT-200L Red
 (direct replacement to *Altronic 501010)
 Unshielded Epoxy Coil
 Primary Resistance: 0.30 – 0.37 ohms
 Secondary Resistance: 4.9 – 6.0k ohms
 Max. Output: 40kV
 Duration: Long

► MPI Distributor and Service Representative:



www.murphy-pi.com

Specifications and performance data subject to change without notice. Certified specifications and performance data available upon request.