MCX™ Multiconductor Jar

Reliable and cost-effective jar to proactively free stuck tools during open hole wireline operations

MULTI-CONDUCTOR XTREME™

Features

▶ Simple, reliable design.

▶ Wide adjustment range of activation force and impact ratio.

▶ Externally accessible and easy to use adjustment system.

▶ Rugged, field proven electrical components.

▶ Mechanical Indicator built into tool to verify downhole activation.

▶ Electrical pass-through to the logging company's wireline tool string with multiple connection types available.

Benefits

▶ Helps prevent stuck or lost tool strings by providing precise downhole impacts.

▶ Single tool design does not need additional tools to enhance the operation.

▶ Provides multiple run and activation capability.

▶ Uses fully mechanical operation. No critical time delays or concerns with pressure and temperature.

▶ Ability to re-latch immediately under the jar's own weight by simply decreasing line tension.

▶ Remote calibration possible with Impact Selector's portable calibration tester.

Impact Selector's MCX multiconductor wireline jar is a field proven and cost-effective way to help prevent stuck tool strings and expensive fishing jobs during wireline logging operations.

Robust, reliable and not affected by temperature or pressure, the MCX provides instant and unlimited activations, with no potentially critical time delays. The jar activates as soon as wireline tension exceeds the predetermined setting and applies a powerful impulse to the stuck tool string.

The simple operation of the patented design allows the operator to reset the MCX multiconductor jar under its own weight for additional, unlimited activations.

By changing fluid flow ports on the tool, the impact ratio between activation and impact forces can be changed; this allows the MCX to be used in a wide range of well and tool string scenarios.

A mechanical indicator provides visual verification at surface of jar activation and can be easily reset between runs.

Proprietary ImpactPro jar setting software models downhole dynamics and allows the operator to dial in the jar settings for each well's unique conditions. The impact ratio and activation force can be optimized to suit particular job requirements and the jar adjusted accordingly.

The MCX multiconductor jar is available in both standard and high pressure/high temperature specification, and with electromechanical connections to suit all major wireline service provider's tools

Training & Operator Certification

Impact Selector's services include remote and field application assistance, supervision and training by a certified Impact Selector technician on running, operating, and maintaining the MCX multiconductor jar anywhere in the world.

IMPACT SELECTOR™
Intelligent Conveyance® Technologies

1-800-238-9239
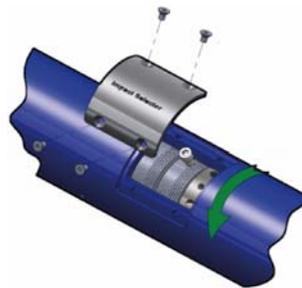impact@impactselector.com
www.impactselector.com

Specifications

	MCX - Standard					MCX - HP/HT	
No. of Conductors	10	15	17	19	26	10	19
Outside Diameter (inches)	3.375	3.375	3.375	3.375	3.375	3.375	3.688
Thread Connection (inches)	2.875 10UN	3.125 8 Stub Acme	3.125 6 Stub Acme	3.125 8 Stub Acme	2.875 10UN	2.875 10UN	3.125 8 Stub Acme
Maximum Temp (°F)	400	400	400	400	400	500	500
Maximum Pressure (psi)	25,000	25,000	25,000	25,000	25,000	30,000	30,000
Length (Closed / Open) (inches)	150 /156	156 /163	159 /165	156 /163	150 /156	150 /156	133 / 139
Weight (lbs)	262	260	265	260	262	262	300
Power Stroke (inches)	5.25	5.25	5.25	5.25	5.25	5.25	5.25
Voltage Rating (V)	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Minimum Setting (lbs)	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Maximum Setting (lbs)	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Max Tensile (lbs)	210,000	210,000	210,000	210,000	210,000	210,000	210,000

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High Pressure Bulkhead

Dependable high pressure bulkheads are installed in all MCX multiconductor jars for uninterrupted data acquisition in harsh wellbore conditions

Adjustment System

Adjust load settings for multiple and reliable jar activations.

Tattle Tale

Mechanical activation indicator built into the tool which can be reset at surface

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