AccuSelect[™] Switch

Delivers reliable switching for multizonal perforating

Applications

- Horizontal completions
- Multizonal perforating
- Ballistic release devices

Features and Benefits

- Advanced startup algorithm enables inventory speeds up to three times faster than standard switches
- Detonator presence verification
- Compatible with latest UniFire[™] software

Tool Description

The Weatherford AccuSelect switch is a reliable solution for horizontal completions and multizonal perforating. Its advanced startup algorithm enables inventory speeds up to three times faster than standard switches. The switch is compatible with the latest UniFire software.

Specifications

Ratings and Dimensions

Dimensions (L x W x H)	1.8 x 0.75 x .33 in. (45.7 x 19.0 x 838.2 mm)
Housing	Heat shrink
Strain relief	Wires integrally strain- relieved to PCB
Temperature range	-58 to 392°F (-50 to 200°C)
Operating temperature range	-20 to 347°F (-28 to 175°C)

Hardware Characteristics





AccuSelect[™] Switch

Specifications (continued)

Electrical

-20V DC to -600 V DC
600 V (transient voltage forward/reverse)
Forward (nominal) 1 A for 12 seconds ¹ Forward (maximum) 1.5 A for 5 seconds ¹
0.5 mA
20 mA surface / 20 mA downhole
50 ohm or higher
1 MHz to 1,000 MHz ESD
Safe to 25,000 V ²
White - input (-v) Black - ground Green stripe – det. hot Black stripe – det. ground Blue - feed-through

¹At maximum operating temperature

²ESD safety rating in accordance with MIL-DTL-23659 E



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