



CONTROL & RELIABILITY

## The FM-A Firing Module



Full compatibility with all existing FCs and FMs



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## CE and RoHS marking



## Integrated 3-way splitter

## Easy warehousing with S/N barcode



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Flame-retardant Velcro cover  
(included)



Enhanced  
mounting  
options



Safety cable notches



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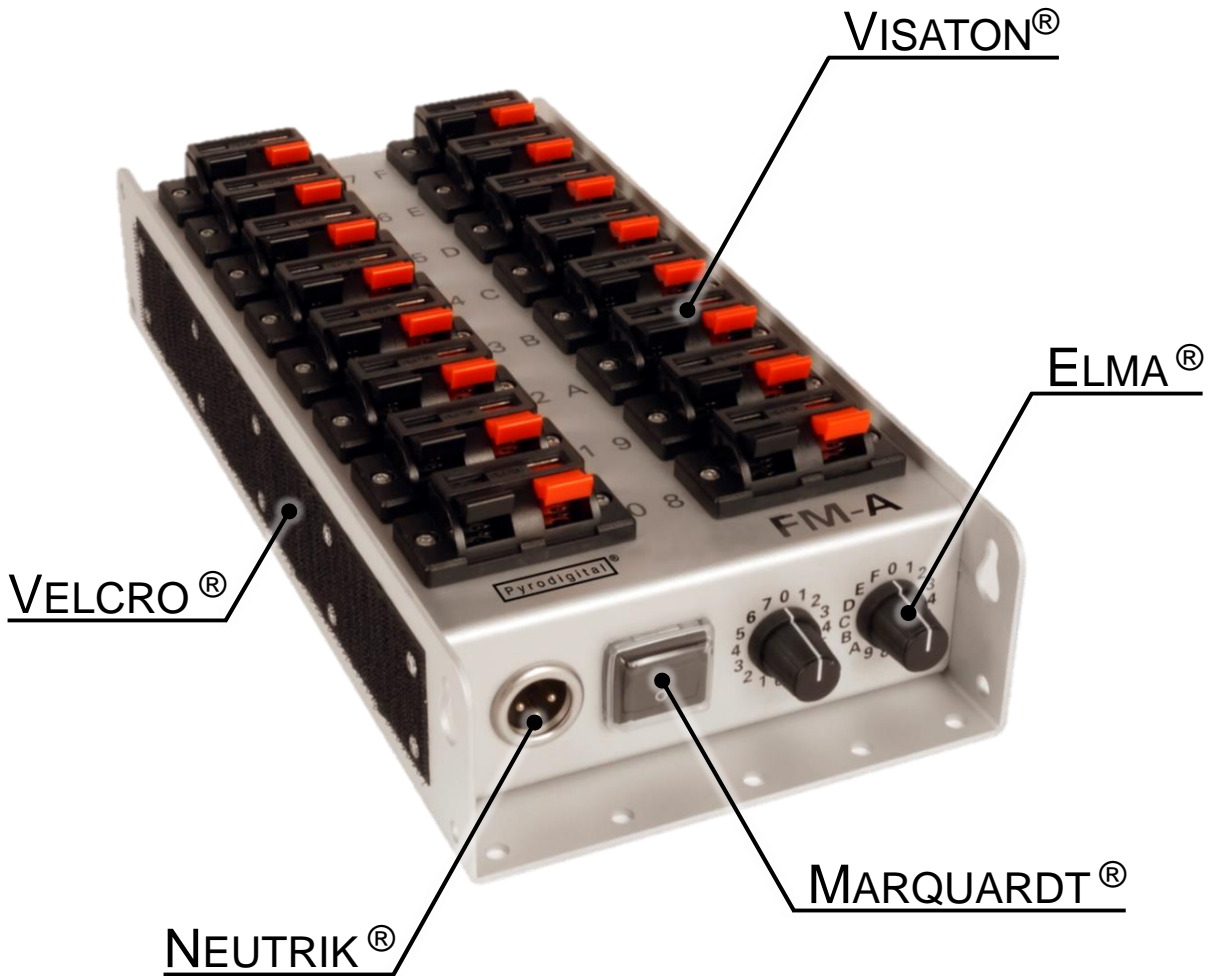
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## Branded High-Quality Components



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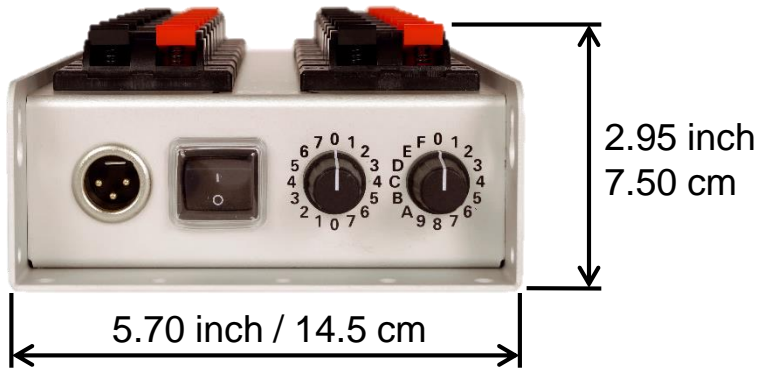
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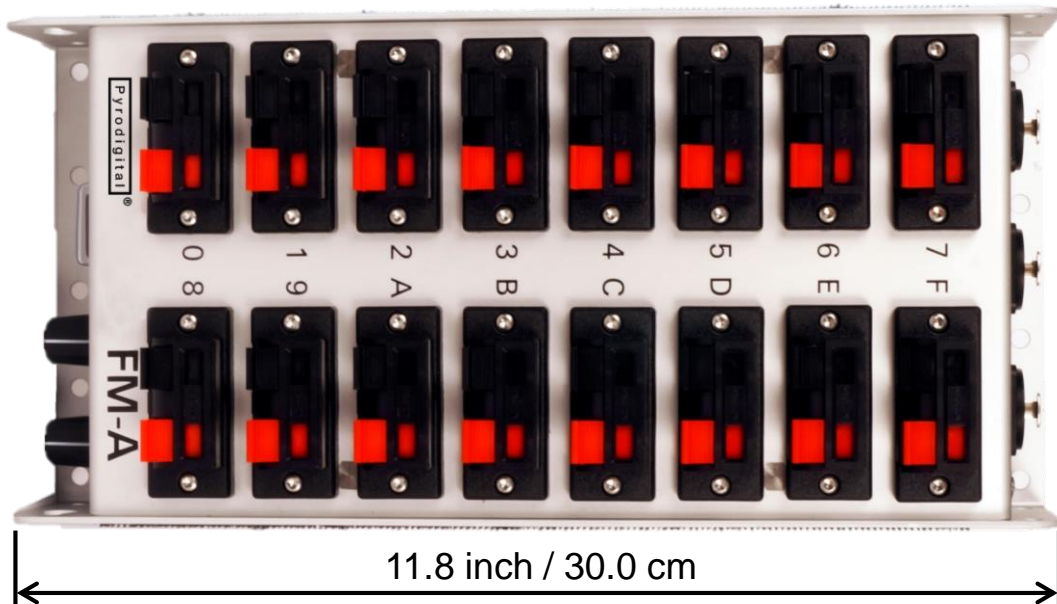
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## Dimensions



## Weight

3.3 lbs  
1.5 kg



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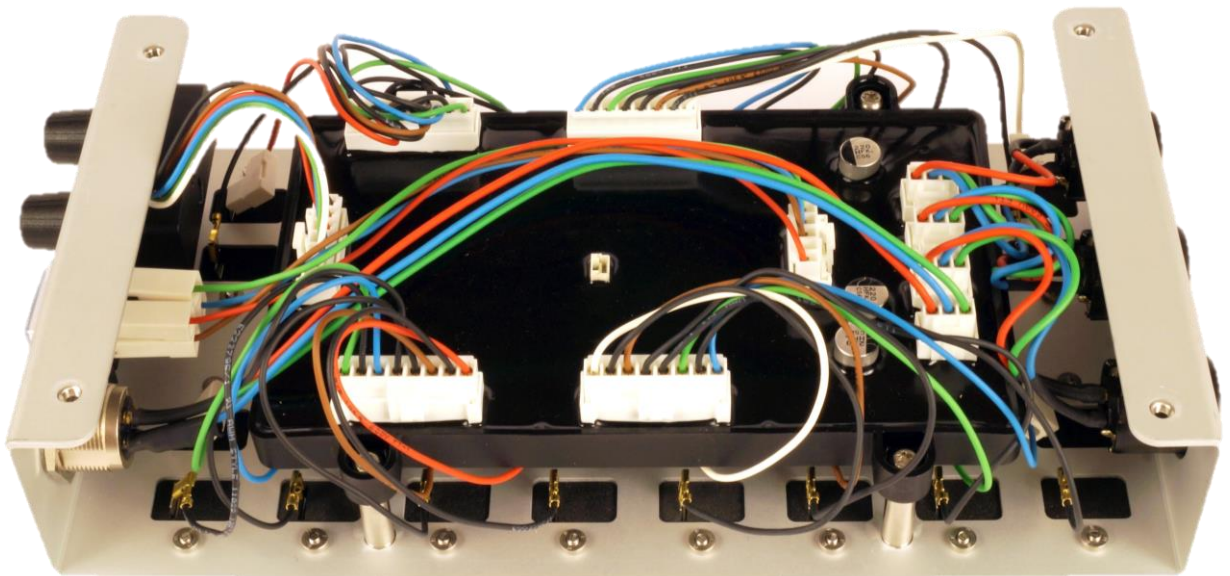
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Fully casted electronics and address unit

Resin protects from water and sulfur



Solid electrical connections

Quality press nuts on all screw terminals



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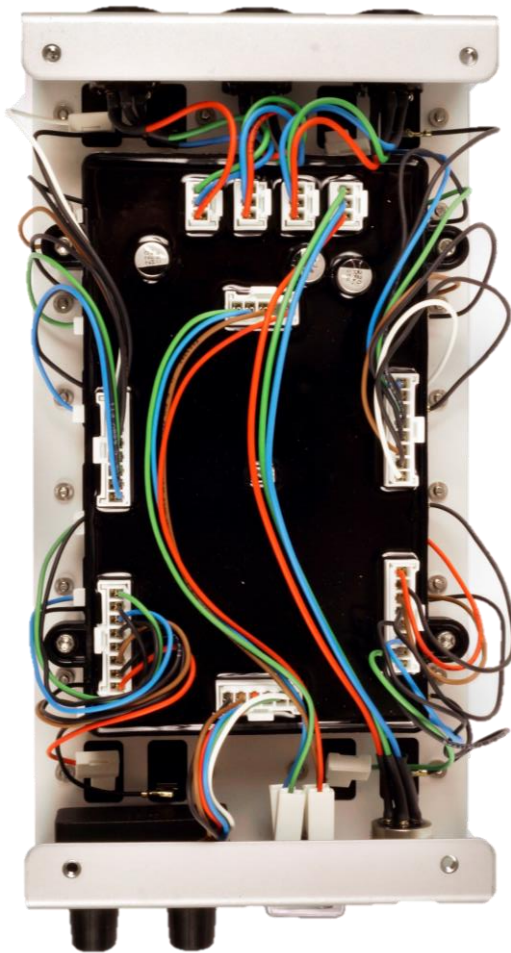
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## Energy Buffer



- Additional capacitors enhance the firing performance
- Capacitors are charged in the background without interfering the PD-Bus
- Locally buffered energy supports firing in large networks and during fast firing
- Capacitors are safely discharged when the bus is turned off



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## Enhanced Safety



- Anti-electrostatic discharge circuitry
- Overvoltage and ESD protection
- Enhanced differential bus communication interface
- Additional frame checking of bus messages
- Enhanced safety during check-status by intelligent context interpretation of bus messages





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## High Quality Manufacturing



- In-line production with state-of-the-art machinery
- Automated camera inspection of each circuit board
- Automated functional test of each circuit board
- Comprehensive and automated End-Control Testing of each assembled FM-A

Test Protocol



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