

HIGH ENERGY IGNITION MODULE

200-HEP-A6Z 2J



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KEY FEATURES

- High Energy Ignition system
- Power discharge: 2J
- Output volt.: 1kV impulsive capacity discharge
- Degree of protection: IP20
- Discharge frequency: < 0,6s to >8s adjustable, preset to 5s
- Installation type: for DIN connector

MECHANICAL FEATURES

- Electronic circuits
- Operating temp. range: -40°C to +85°C
- Storage temp. range: -55°C to +59°C
- Dimensions: 90x75x118mm
- Unit Weight: 500g
- Enclosure: PVC
- Connections: screw terminals

ELECTRICAL FEATURES

- Nominal operating voltage: 1000V
- Consumption: < 1,6A
- Power supply 12/24VDC (from 10,5 to 28 VDC)
- Electronics c/w temperature compensation
- Discharge frequency regulation

OPTIONS

- High Energy Ignition Probe 200-HEF-5AA
- Spark tip: 200-HEF-9A3
- Power supply from 100 to 240VAC with dedicate power converter

INSTALLATION

- Inside control local panel

APPLY TO

- Flares
- Boilers

CERTIFICATION

- CE marking
- UL for MDR power supply

MANUFACTURER

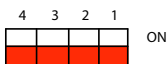
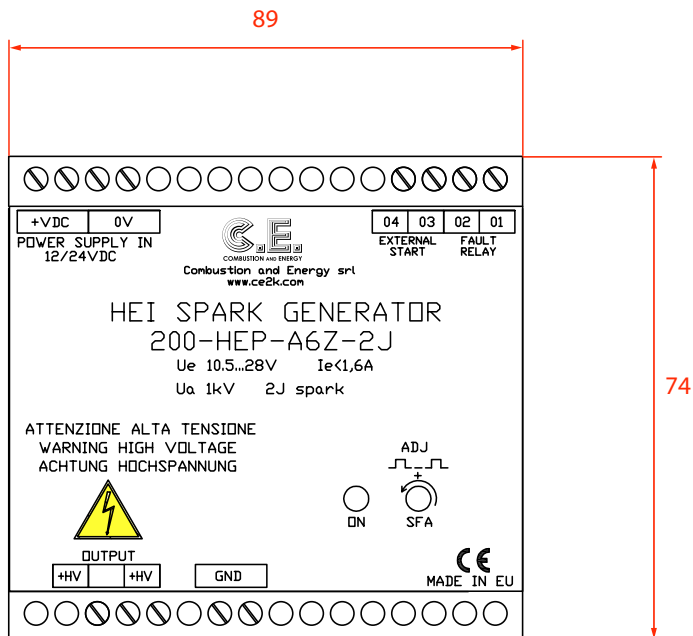
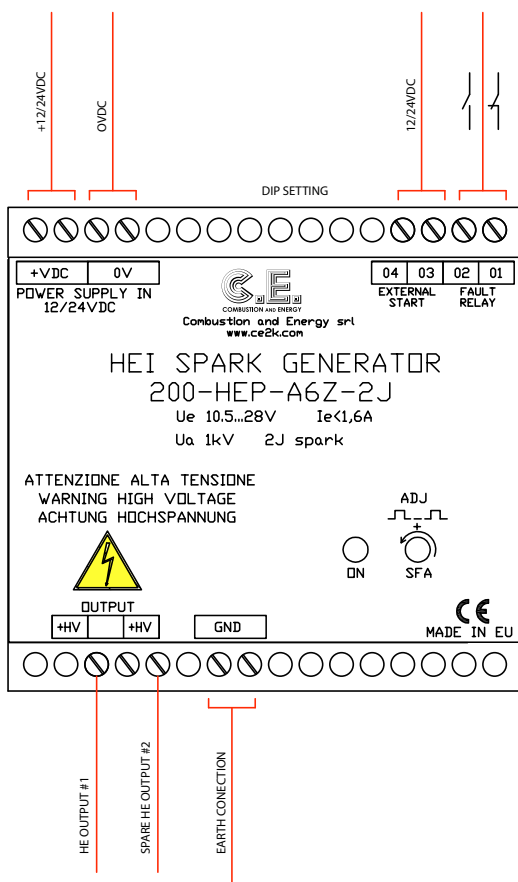
Combustion and Energy Srl

Part number:

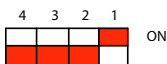
- 200-HEP-A6Z 2J
- 200-HEP-A6Z 2J + MDR (power supply from 100 to 240VAC)
- 200-HEP-A6Z 2J + 48VDC converter



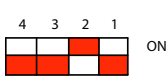
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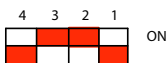
HE MODULE, NO ADDITIONAL FUNCTION



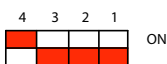
HE MODULE WILL WORK UNTIL 12 OR 24VDC IS APPLIED ON THE START RELAY
(Connect 12/24VDC to PIN 3 and 0V to PIN 4)



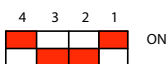
TIP AND CABLE FUNCTION CHECKING AVAILABLE
FAIL SAFE NORMAL CONDITION CONTACT CLOSED, FAULT CONDITION CONTACT OPEN
(See max. applicable voltage)



FAULT CONTACT RELAY N.C.
(See max. applicable voltage)



1 SPARK EVERY SECOND FOR FIRST 10 SECONDS, AFTER THAT 1 SPARK EVERY 30"
(TRIMMER DISABLE)



HE MODULE FUNCTION "DIP SWITCH 4" WITH EXTERNAL START RELAY

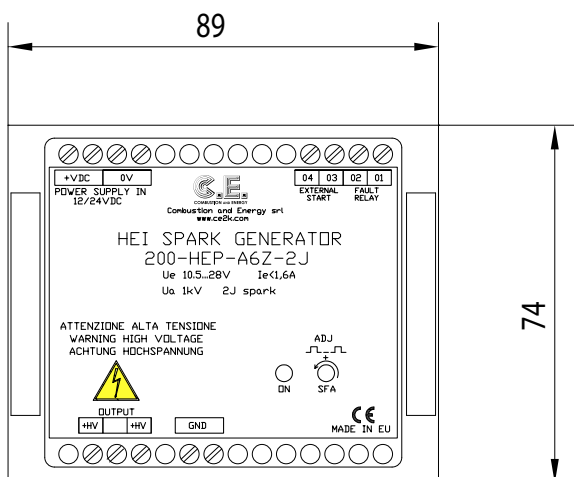


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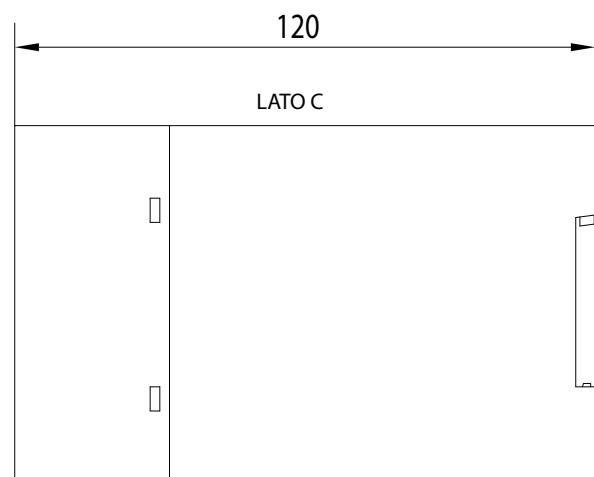
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- Led Red ON: when the HE module is sparking.
- Led Green ON: when the HE module is ON and waiting for spark.
- Led Red flashing continuously: cable interrupted or TIP not connected (reignition delay 30 seconds) - (This function is valid only if DIP 2 is ON)
- Led Red flashing continuously: cable interrupted or TIP in short circuit (reignition delay 10 seconds) - (This function is valid only if DIP 2 is ON)
- Led Orange (green + red) flashing continuously: spark generator component or TIP are no more efficiently. (This function is valid only if DIP 2 is ON)

TOP VIEW



SIDE VIEW



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