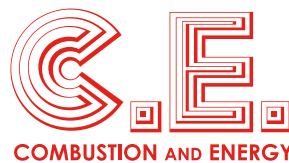


HIGH ENERGY IGNITION MODULE

200-HEP-A6Z 12J + CAP



200-HEP-A6Z 12J+CAP



HIGH ENERGY IGNITION MODULE

200-HEP-A6Z 12J + CAP

KEY FEATURES

- High energy ignition system
- Power discharge: 12J
- Output volt.: 2kV impulsive capacity discharge
- Degree of protection: IP20
- Discharge frequency: <0,1s to >10s adjustable, preset to 5s
- Installation type: for DIN connector
- Max Freq.: 4 sparks x second

MECHANICAL FEATURES

- Electronic circuits
- Operating temp. range: - 40°C to + 85°C
- Storage temp. range: - 55°C to + 55°C
- Dimensions: 180x75x120mm
- Unit weight: 750g
- Enclosure: PVC
- Connections: screw terminals

ELECTRICAL FEATURES

- Nominal operating voltage: 2000V
- Power supply: from 20VDC to 28VDC
- Electronics c/w temperature compensation
- Discharge frequencies regulation
- Fault relay (as option) - Max. applicable voltage 60VDC/42VAC 0,2A
- 12-24VDC remote start (as option)

OPTIONS

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

INSTALLATION

- Inside control local panel

APPLY TO

- Flares
- Boilers

CERTIFICATION

- CE marking

MANUFACTURER

Combustion and Energy Srl

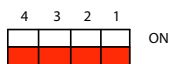
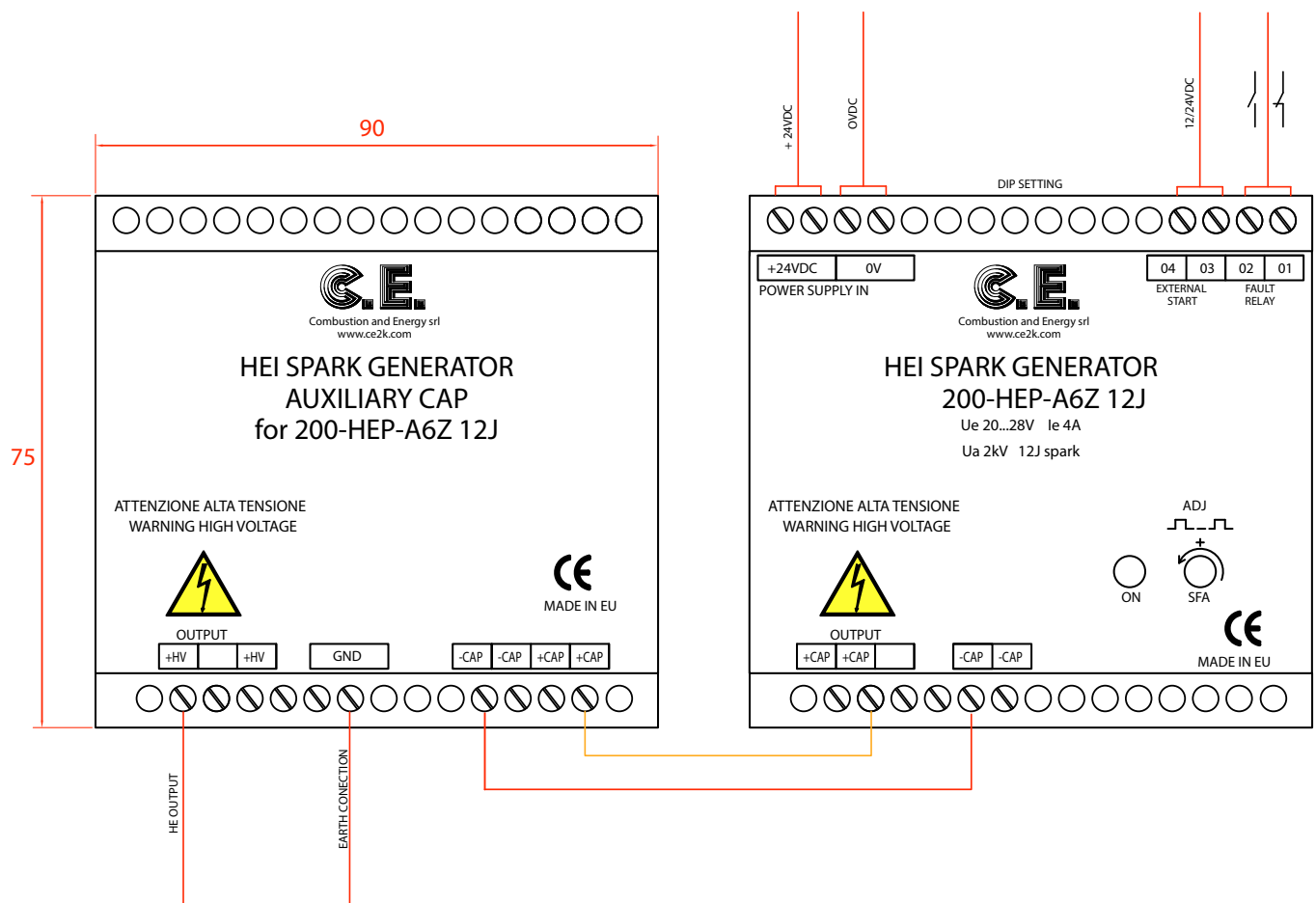
Part number:

- 200-HEP-A6Z 12J+CAP
- 200-HEP-A6Z 12J + CAP + MDR
(power supply from 100 to 240VAC)

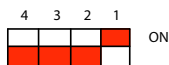


HIGH ENERGY IGNITION MODULE

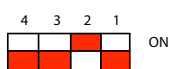
200-HEP-A6Z 12J + CAP



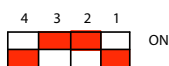
ON HE MODULE, NO ADDITIONAL FUNCTION



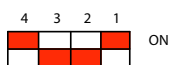
ON HE MODULE WILL WORK UNTIL 12 OR 24VDC IS APPLIED ON THE START RELAY
(Connect 12/24VDC to PIN 3 and 0V to PIN 4)



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



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



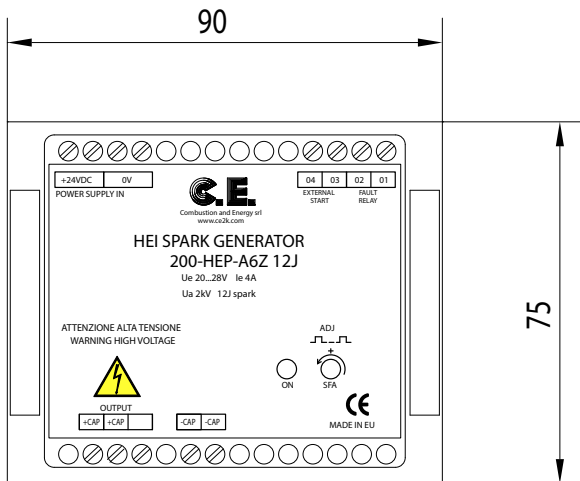
ON HE MODULE FUNCTION BOOSTER WITH EXTERNAL START RELAY



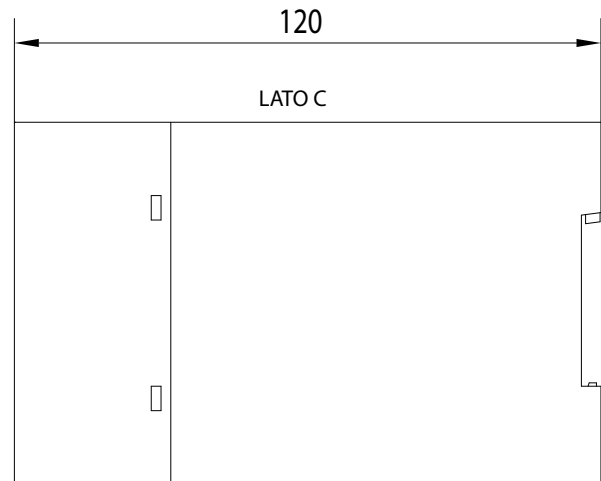
200-HEP-A6Z 12J

- 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)

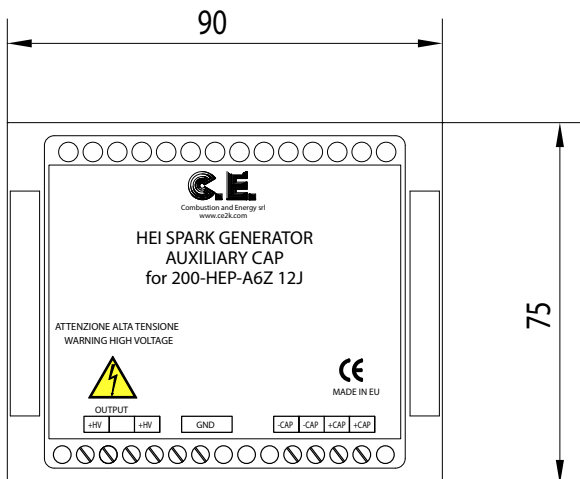
TOP VIEW



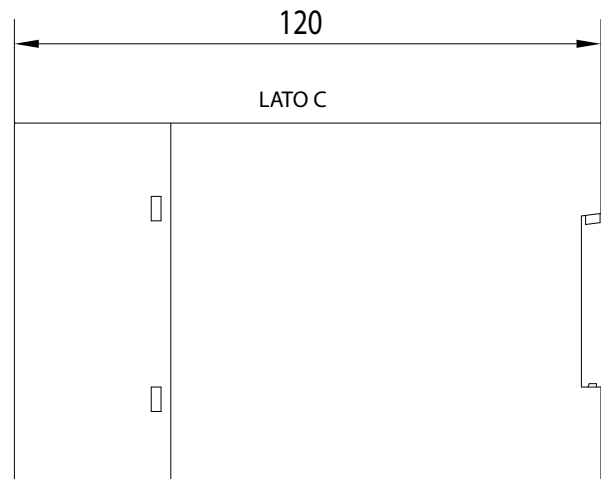
SIDE VIEW



TOP VIEW



SIDE VIEW



COMBUSTION AND ENERGY