

## Technical Data High Energy Igniter HEI500

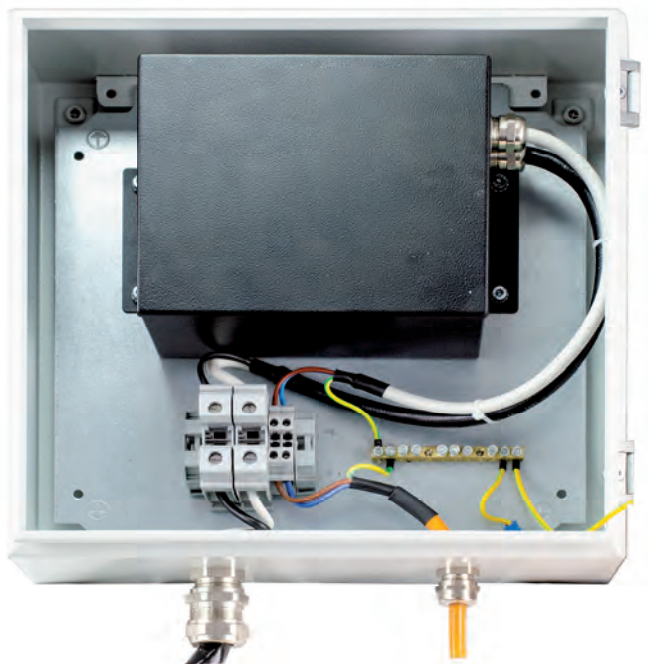


Fig. 1 External steel housing for wall mounting High Energy Igniter HEI500

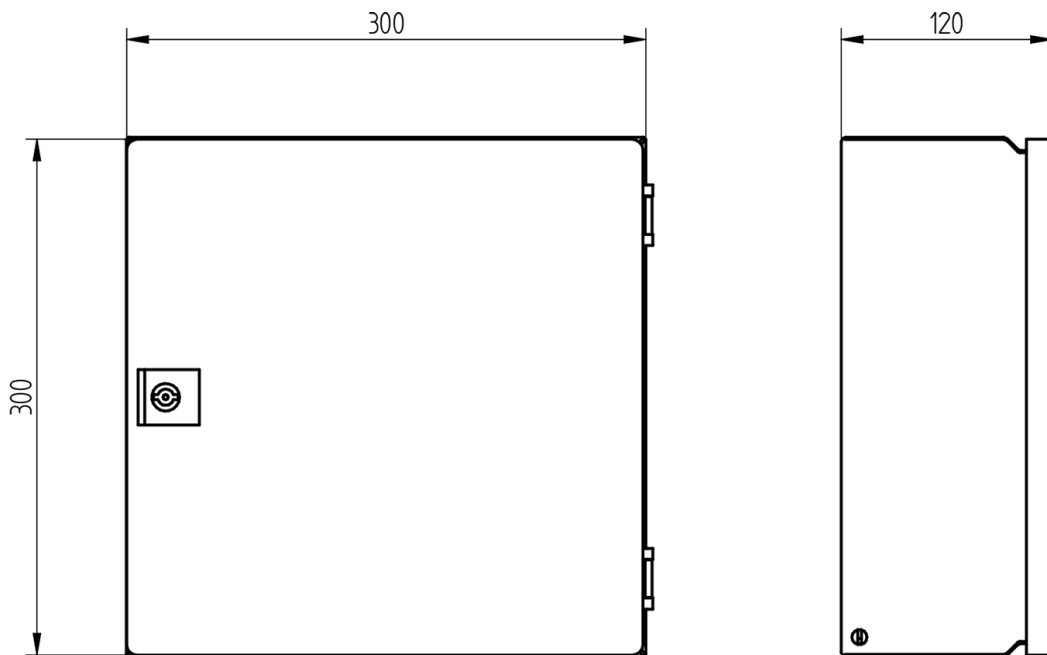


Fig. 2 Dimensions of the external steel housing High energy igniter HEI500

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Housing	steel housing for wall mounting
Colour	Red or black
Ignition frequency	2 Hz
Input current	RMS-current ~ 4 A (at 2 sparks/s)
Input power	110 W (at 2 sparks/s)
Energy	18 Joule (each spark +/- 10 %)
Power supply	115/230 VAC ±10 %, 50/60 Hz
Output voltage	1 kV
Length of the connecting cable of the lance	According to customer requirements up to 50 m   164.04 ft possible.
Power Cable lengths	max. 100 m   328.08 ft Cable cross-section: at least 3 x 1.0 mm <sup>2</sup>   AWG17, max. is 3 x 2.5 mm <sup>2</sup>   AWG13

## Operating Condition HEI500

Switch-on time	20 s ON/40 s OFF (max 3 times in succession)
Minimum cooling time at 20 °C   68 °F ambient temperature	before restart: 8 min
Minimum cooling time at 60 °C   140 °F ambient temperature	before restart: 25 min

## Environmental conditions

<b>Operation</b>	permissible temperature range	-20 ... +60 °C   -4 ... +140 °F (non-condensing) -40 °C   -40 °F optional -20 °C   -4 °F standard
<b>Transport</b>	permissible temperature range	-20 ... +60 °C   -4 ... +140 °F
<b>Storage</b>	permissible temperature range	-20 ... +60 °C   -4 ... +140 °F
<b>Degree of protection</b>	according to DIN EN 60529	IP65

## NOTICE

The limits of the technical data must be strictly adhered to.

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## Order Information

**Electrical high energy igniter HEI500**, ignition performance 18 Joule, ignition frequency 2 J/spark frequency. For igniting of gas main burners

Description/Type	Order no.
High Energy Igniter HEI500	646R8500
<b>A10 "RANGE OF APPLICATION"</b>	
SAFETY AREA (no explosive atmosphere)	SAF-L
<b>A20 "LENGTH IGNITION CABLE"</b>	
1 m	01M
ADDITIONAL CABLE LENGTH 1 m EACH (up to 50 m total length possible)	M
<b>A25 "IGNITION CABLE TYPE"</b>	
HIGH VOLTAGE CABLE WITH ARMOURING	ARM
<b>A30 "CONNECTION TYPE"</b>	
STANDARD	STD
<b>A40 "POWER SUPPLY VOLTAGE"</b>	
120 VAC, 50/60 HZ	120VAC
230 VAC, 50/60 HZ	230VAC
<b>A50 "LENGTH CONNECTION CABLE"</b>	
WITHOUT	0
1 m	01M
ADDITIONAL CABLE LENGTH 1 m EACH (up to 50 m total length possible)	M
<b>A60 "DESIGN"</b>	
ON MOUNTING PLATE	MP
IN WALL MOUNTING HOUSING IP65	WG

The information in this publication is subject to technical changes.



**LAMTEC Meß- und Regeltechnik  
für Feuerungen GmbH & Co. KG**

Josef-Reiert-Straße 26

D-69190 Walldorf

Telefon: +49 (0) 6227 6052-0

Telefax: +49 (0) 6227 6052-57

[info@lamtec.de](mailto:info@lamtec.de)

[www.lamtec.de](http://www.lamtec.de)

