

Electronic Ignition Units

EBI4 series

33% or 100%

**ED, interrupted
or constant ignition**

- Stationary or mobile installations
- Oil or gas burners
- Strong service concept



Danfoss Electronic Ignition Units

Meet the highest standards



The new and improved electronic ignition units ensures high efficiency enabling more than 80 % of the supplied energy to be converted into high voltage. This ensures a strong and fast establishing of the spark. The EBI4 series offers several variants adapted to the various application requirements for oil and gas burners. All EBI4s comply with the RoHs and WEEE directives and are EMC approved according to the EN 55014-1 and EN55014-2.

EBI4 series, 230 V, 40 mA (rms) and 33 % ED at 60°C. for domestic and small commercial burners:

- EBI4, 2-pole 15 kV
- EBI4 M, 2-pole 2x 7,5 kV
- EBI4 1P, 1-pole 12 kV

EBI4 HP series, 230V, 48 mA (rms) and 33 % ED at 60 °C for commercial burners:

- EBI4 HPM, 2-pole 2x7,5 kV
- EBI4 HP1P, 1-pole 12 kV

EBI4 C series, 230 V, 30 mA (rms) 100 % ED at 35 °C for burner applications with constant ignition:

- EBI4 CM, 2-pole 2x 7,5 kV
- EBI4 C1P, 1-pole 12 kV

100%

Effective service

- For replacement of the EBI3 series and the 052L series
- Can replace other brands
- Few service types cover all demands

With the new EBI4 series it has been made possible to create a service concept where 4 service EBIs can replace the entire previous EBI3 programme. Furthermore the EBI4 service kit can replace a large part of the 052L series.

| Type | Replaces |
|------------------------|----------------------------|
| EBI4 M S 052F4045 | All EBI, EBI M and EBI HPM |
| EBI4 1P S 052F4046 | All EBI 1P and EBI HP1P |
| EBI4 CM S 052F4047 | All EBI C and EBI CM |
| EBI4 C1P S 052F4048 | All EBI 1CP |
| EBI4 052F0063 | All 052L 2-pole |





On burner.danfoss.com you can find instructions, datasheets and brochures to download.

Our Service Manual is intended as an aid in your daily routine. We therefore hope that the manual will make your work with Danfoss Burner Components easier.



Four times a year we publish a newsletter with news, practical tips and valuable information. You can sign up for the newsletter at <http://newsletter.burner.danfoss.com>