

Accessories BROCHURE

JUNHO 2013

Tel: (+351) 21 843 64 00
Fax: (+351) 21 843 64 09
geral@bhb.pt www.bhb.pt

D-ZS 087-20

Digital display for displaying the flame signal

- For optimal alignment of flame sensor with the ball flange and/or for displaying the configuration of flame sensor and switching device
- Display of the flame signal (pulse rate)
- Storing of minimum and maximum pulse rate values
- Voltage supply via the flame sensor

- Dimensions
157x87x30 mm (WxHxD)
Weight 0.3 kg



D-ZS 087-20

D-ZS 129-30/-40

LED bar graph display for the flame intensity

- Installation in 19" frame
- 3RU/3HP
- Input 0/4...20 mA

Models

- **D-ZS 129-30**
Power supply 24 VDC
- Dimensions
15.2x128.4x107.5 mm (WxHxD)
Weight 0.2 kg



D-ZS 129-30

- **D-ZS 129-40**
Power supply 230 VAC
- Dimensions
15.2x128.4x107.5 mm (WxHxD)
Weight 0.2 kg

D-ZS 077-10

UV-C test light source for the functional test of flame sensors

- For the functional test of flame sensor models D-LE 103 UL, D-LE 603 UH/US and compact flame monitor D-LX 100 UL,
- Power Supply 230 VAC / 50 Hz

- Dimensions
120x80x81.7 mm (WxHxD)
Weight 0.65 kg



D-ZS 077-10

D-ZS 093

Combined test light source for the UV-A, UV-B and IR spectral range

- For the functional test of flame sensor models D-LE 603 UA/UAF/IS/IG/ISE/ISO, D-LE 701 UA/UAF/IS/IGA, D-LE 703 UA/UAF/IS/IG, D-GT 800 UA/UAF, as well as compact flame monitors D-LX 100 UA/UAF/IS/IG and D-LX 200 UA/UAF/IG
- Power Supply 230 VAC / 50Hz

- Dimensions
120x80x81.7mm (WxHxD)
Weight 0.65 kg



D-ZS 093

D-ZS 118

Optical adjustment aid for alignment of the swivel mount on the sighting tube

- Dimensions L=200, Ø=87 mm
Weight 0.5 kg



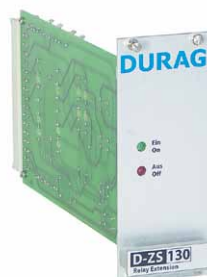
D-ZS 118

D-ZS 130

Fail-safe relay card

- Installation in 19" rack/enclosure
- 3RU/10HP
- Power supply 24VDC
- Protection IP00

- Dimensions
50.5x128x190.5 mm (WxHxD)
Weight 0.25 kg



D-ZS 130

D-NG 24/05

**Power supply for D-UG 120,
D-LX 100 or D-LX 200**

- To supply two D-UG 120 switching devices or D-LX 100 and D-LX 200/720 compact flame monitors
- DIN-rail installation
- Input voltage 115/230VAC, output voltage (unregulated) 24 VDC / 0.5 A
- Protection IP20

- Dimensions 70x75x118 mm (WxHxD)
Weight 0.55 kg



D-NG 24/05

D-ZS 033

**Swivel mount for flexible alignment
of a flame sensor at the sighting
tube of a burner**

- $T_{max} = 180^{\circ}\text{C}$



D-ZS 033 I

- **D-ZS 033 I**
for standard flame sensor,
G 1 1/4" thread
- Dimensions L=90, Ø=115 mm
Weight 1.6 kg

- **D-ZS 033 III**
for Ex-flame sensor, G 1" thread
- Dimensions L=160, Ø=115 mm
Weight 3.4 kg
- other models on request.

D-ZS 114

**Separable screw pipe connection
for the installation of a
D-LE 603.../94 Ex or a
D-LE 603.../95 Ex
on a standard port of a D-LE 603...
flame sensor**



D-ZS 114

- Dimensions L=86, Ø=46 mm
- Weight=400 g

- Thread G 1"

D-ZS 117 / D-ZS 117 HT

**Thermal isolator with electrical
insulation for the isolation of the
heat transfer and/or for electrical
isolation between sighting tube and
flame sensor**

Features

- Rigid up to 120°C, HT up to 180°C

D-ZS 133

**Ball valve for closing the sighting
tube**

Recommended when removing the flame
sensor at increased furnace pressure

- $T_{max} = 150^{\circ}\text{C}$

Models

- **D-ZS 117 I**
for standard flame sensor,
G 1 1/4" thread
- Dimensions L=56, Ø=51 mm
Weight 0.05 kg



D-ZS 117 I

- **D-ZS 117 III**
for Ex-flame sensor, G 1" thread
- Dimensions L=56, Ø=51 mm
Weight 0.05 kg
- High-temperature model on request
- other models on request.

Models

- **D-ZS 133 I**
for standard flame sensor,
G 1 1/4" thread
- Dimensions L=216, Ø=58 mm
Weight 1.4 kg



D-ZS 133 I

- **D-ZS 133 III**
for Ex-flame sensor, G 1" thread
- Dimensions L=174, Ø=46 mm
Weight 0.9 kg
- other models on request.

D-BT 0...

19" rack for front panel mounting of D-UG 660 control unit

- For switching cabinet mounting in the inner area (IP00), e.g. hinged frame assembly
- Cable connection via 48-pin screwed multipoint socket connector
- Terminal connec from rear.

D-BT 660...

B19"-rack for rear panel mounting of D-UG 660 control unit

- For switching cabinet mounting in the inner area (IP00), e.g. rear panel assembly
- Cable connection via connection terminals
- Clamp connection from front.

D-UG 660 G66

19" field plastic housing, for D-UG 660 control unit

- For wall mounting in the outdoor area
- Cable connection via terminals in separate terminal box
- Protection IP55

D-BT 1...

19" metal field housing for D-UG 660 control unit

- For wall mounting in the outdoor area
- Cable connection via terminals in separate terminal box
- Protection IP55

D-ZS 140 / 141

Terminal box for D-LE... flame sensor and D-LX... compact flame monitor

- Protection IP65



D-BT 043

Models

- **D-BT 013**
Rack for **one** D-UG 660 control unit, 3RU, 24HP
- Dimensions
178x132,5x213 mm (WxHxD)
Weight 0.9 kg
- **D-BT 023**
Rack for **two** D-UG 660 control units, 3RU, 42HP
- Dimensions
269x132,5x213 mm (WxHxD)
Weight 1.45 kg
- **D-BT 043**
Rack for **four** D-UG 660 control units, 3RU, 84HP
- Dimensions
482x132,5x213 mm (WxHxD)
Weight 2.3 kg



D-BT 660/2

Models

- **D-BT 660**
Rack for **one** D-UG 660 control unit, 3RU, 24HP
- Dimensions
171x149,5x215mm (WxHxD)
Weight 0.8 kg
- **D-BT 660/2**
Rack for **two** D-UG 660 control units, 3RU, 42HP
- Dimensions
263x149,5x215 mm (WxHxD)
Weight 1.25 kg
- **D-BT 660/4**
Rack for **four** D-UG 660 control units, 3RU, 84HP
- Dimensions
476x149,5x215 mm (WxHxD)
Weight 2.1kg



D-UG 660 G66/2

Models

- **D-UG 660 G66**
Enclosure for **one** D-UG 660 control unit
- Dimensions
135x149,5x250 mm (WxHxD)
Weight 1.5 kg
- **D-UG 660 G66/2**
Enclosure for **two** D-UG 660 control units
- Dimensions
340x236x275 mm (WxHxD)
Weight 3.65kg



D-BT 142

Models

- **D-BT 142**
Enclosure for **four** D-UG 660 control units
- Dimensions
600x212x473 mm (WxHxD)



Models

- **D-ZS 140**
for safe environments
- Dimensions
105x105x66 mm (WxHxD)
Weight 0.35 kg
- 8-pole version
- **D-ZS 140-12** 12-pole version for D-LX 200/720
- **D-ZS 141**
for potentially explosive atmospheres II 2G Ex e II T5/T6
- Dimensions
110x75x55 mm (WxHxD)
Weight 0.4 kg
- 8-pole version
- **D-ZS 141-12** 12-pole version for D-LX 200/720

Contactos/Contacts:

Comercial/Commercial:

Francisco Lopes

e-mail: flopes@bhb.pt

Tel: (+351) 21 843 64 00

Fax: (+351) 21 843 64 09

Assistência/Service:

Joaquim Picante

e-mail: jpicante@bhb.pt

Tel: (+351) 21 843 64 00

24 Horas: (+351) 96 523 73 93



Note:

DURAG, Inc., the owner of this document, reserves the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. DURAG, Inc. does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

Copyright© 2011

DURAG, Inc. All rights reserved

Tel: (+351) 21 843 64 00
Fax: (+351) 21 843 64 09
geral@bhb.pt www.bhb.pt