

# Multi-Contact MC<sup>®</sup>



## Blister Pack Programme

## TEST ACCESSORIES

With this catalogue we present our new blister-pack programme **TEST ACCESSORIES**.

It contains a selection from our extensive range of test accessories with which we aim to address retailers in particular.

It therefore gives a prominent place to products for which there is a frequent demand and to articles that offer good value at an economical price – naturally with the customary MC<sup>®</sup> quality.

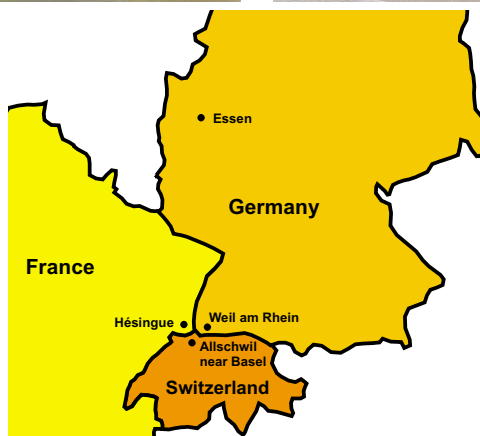
By grouping articles from our standard range into sets which are clearly and concisely presented in this catalogue, we aim to facilitate buyers' decisions on their choice of sales mix.

For the display of the products in the sales rooms, we supply all the articles in this catalogue in blister packs to hang on perforated panels.

#### MC<sup>®</sup> factories:



Multi-Contact AG Basel  
Stockbrunnenrain 8 + 12  
Postfach  
4123 Allschwil 1  
Tel.: (061) 306 55 55  
Fax: (061) 306 55 56  
<http://www.multi-contact.com>  
E-Mail: [mailbox@multi-contact.com](mailto:mailbox@multi-contact.com)



Multi-Contact Deutschland GmbH  
Hegenheimer Strasse 19  
Postfach 1606  
79551 Weil am Rhein  
Tel.: (07621) 667 - 0  
Fax: (07621) 667 - 100  
E-Mail: [mailbox@multi-contact.de](mailto:mailbox@multi-contact.de)

Multi-Contact France S.A.  
4, rue de l'Industrie - Z.I.  
B.P. 37  
68220 Hésingue Cedex  
Tel.: 03 89 67 65 70  
Fax: 03 89 69 27 96  
E-Mail: [info@multi-contact-france.fr](mailto:info@multi-contact-france.fr)

Multi-Contact Essen GmbH  
Hövelstrasse 214  
Postfach 12 01 64  
45311 Essen  
Tel.: (0201) 8 31 05-0  
Fax: (0201) 8 31 05-99  
E-Mail: [mce@multi-contact.com](mailto:mce@multi-contact.com)

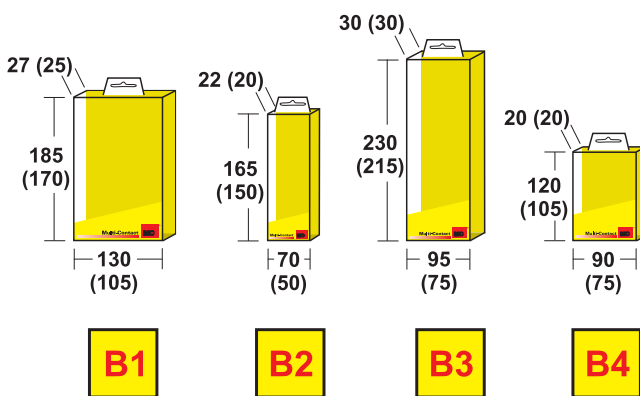


## Examples for Blister Packs



## Dimensions of the Blister Packs

We use four standard blister sizes:



The figures given in the drawings for width, height and depth are approximate **outer (inner)** dimensions in millimetres. In the catalogue, the employed blister size is indicated by the symbol **B1** to **B4** beside each article.

## Contents

## Page

|                                         |       |
|-----------------------------------------|-------|
| Perforated Panel Stands and Accessories | 2     |
| Ø 2 mm Safety Test Accessories          | 2 - 3 |

|                                |   |
|--------------------------------|---|
| Ø 4 mm Safety Test Accessories | 3 |
|--------------------------------|---|

## Ø 4 mm Safety Test Accessories

|                               |         |
|-------------------------------|---------|
| Safety Test Leads             | 4 - 6   |
| Safety Test Probes            | 7       |
| Safety Test Clips             | 8 - 9   |
| Safety Plugs                  | 10      |
| Safety Panel-mounting Sockets | 10 - 11 |
| Safety Test Lead Sets         | 12 - 14 |

## High Frequency Safety Test Accessories

|                                                                                                                       |         |
|-----------------------------------------------------------------------------------------------------------------------|---------|
| BNC / Ø 4 mm Safety Adapters and Safety BNC Signal Distributors, Fully Insulated BNC Panel-mounting Sockets and Plugs | 15      |
| Fully Insulated BNC Connecting and Extension Leads, BNC / Ø 4 mm Adapter Leads                                        | 16      |
| Safety Probe Sets                                                                                                     | 16 - 17 |

## The Bar Code on our Blister Packs



## The EAN-13 Code

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| 7 6 1 2 8 9 6 1 1 2 3 4 5 4 | Check digit<br>(results from the first 12 digits) |
| 12896                       | Article identification (5 digits)                 |
| 12896                       | Company identification (12896 = Multi-Contact)    |
| 76                          | Country code (76 = Switzerland)                   |

We have provided all blister-packed articles with bar codes (EAN-13). This 13-digit code enables every article to be clearly identified anywhere in the world.

Retailers can use this widely employed code directly on their own computer systems without having to mark the goods with labels etc. – an important advance and a valuable aid in the rationalisation of your business operations now or in future.

## Perforated Panel Stands

EZ-100



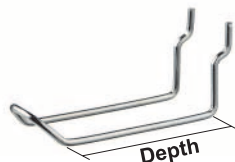
Perforated Panel Stands for clearly visible, ready-at-hand presentation of products in self-service sales rooms.

If you require dimensions that differ from those stated below, please contact us!!

|                                       |                        |
|---------------------------------------|------------------------|
| Dimensions:<br>Width x Height x Depth | 67 cm x 185 cm x 41 cm |
| Order No.                             | 99.00218               |

## Hang-sell Hooks

EZ-200, EZ-300, EZ-400



Hang-sell hooks to fit in the holes of pegboard point-of-sale stands. The hooks are available in various lengths. If you require sizes that differ from those stated below, please contact us.

| Type / Depth     | Order No. |
|------------------|-----------|
| EZ-200 / 6,5 cm  | 99.00220  |
| EZ-300 / 10,5 cm | 99.00221  |
| EZ-400 / 16 cm   | 99.00222  |

## Backing Cards

EZ-500



Backing cards to facilitate the work of sales staff when refilling with stock. The cards are hung on the hook at the back, behind the goods. When all blister packs of an article have been sold, the relevant bar code can quickly be scanned in from the backing card. The backing cards are supplied in sets of approximately 72, corresponding to our complete blister pack range.

|           |          |
|-----------|----------|
| Order No. | 99.00230 |
|-----------|----------|

## The ø 2 mm Safety System



### The ø 2 mm safety system:

- Lightweight
- Space-saving
- Protected against accidental touching in accordance with IEC / EN 61010-2-031

## ø 2 mm Safety Test Lead Set with Accessories (8-piece)

Z2S-100

Silicone

B2



Test lead set, consisting of:

- ø 2 mm safety test leads, Silicone-insulated, 100 cm long, 0.5 mm<sup>2</sup>, 10 A
- Push-on, fully insulated safety crocodile clips with powerful jaws and surface for gripping fine wires
- Push-on safety test probes, stainless steel, rigid, with protective cap, for contact with individual IC legs (spacing 2.54 mm)
- Push-on safety test clip with spring wire grabber, max. 300 V (CAT II)

|               |                    |
|---------------|--------------------|
| Rated voltage | max. 600 V, CAT II |
| Order No.     | 99.00179           |

**Stackable ø 2 mm Safety Plugs (assortment, 12 pcs.)**

**E2S-100**

**B4**



ø 2 mm safety plug with soldering connection for connecting flexible leads. ø 2 mm socket at rear permits insertion of further ø 2 mm plugs.

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| Rated voltage / current                                | 600 V, CAT II / 10 A           |
| Recommended conductor cross-section / outside diameter | 0.5 mm <sup>2</sup> / ø 2.5 mm |
| Order No.                                              | 99.00002                       |

**ø 2 mm Safety Test Leads (assortment, 6 pcs.)**

**E2S-200**

**B2**



High-flexibility safety test leads. Both ends fitted with ø 2 mm stackable safety plugs.

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Rated voltage / current                  | 600 V, CAT II / 10 A               |
| Lead cross-section / insulation / length | 0.5 mm <sup>2</sup> / PVC / 100 cm |
| Order No.                                | 99.00005                           |

**ø 2 mm Panel-mounting Safety Sockets (assortment, 12 pcs.)**

**E2S-300**

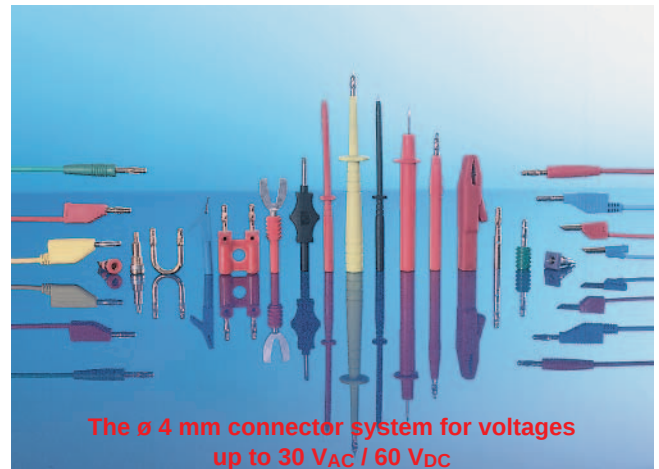
**B4**



Touch-protected safety sockets to mate with ø 2 mm safety plugs for mounting in holes drilled in panels of plastic, metal etc. The sockets may be fitted by pressing-in or screwing in place (flush or raised panel mounting).

|                         |                       |
|-------------------------|-----------------------|
| Rated voltage / current | 600 V, CAT III / 10 A |
| Connection              | round pin ø 1.9 mm    |
| Order No.               | 99.00008              |

**The ø 4 mm Connector System**



The ø 4 mm connector system for voltages up to 30 V<sub>AC</sub> / 60 V<sub>DC</sub>

**ø 4 mm Test Lead Set with Accessories (6-piece)**

**Z4-100**

**B1**



Test lead set, consisting of:

- ø 4 mm test leads, PVC insulated, 150 cm, 2.5 mm<sup>2</sup>, max. 32 A
- Push-on test probes, stainless steel, rigid
- Push-on test clips

|               |                                         |
|---------------|-----------------------------------------|
| Rated voltage | 30 V <sub>AC</sub> / 60 V <sub>DC</sub> |
| Order No.     | 99.00182                                |

**ø 4 mm Test Lead Set with Accessories (6-piece)**

**Z4-200**

**B1**

**Silicone**



Test lead set, consisting of:

- ø 4 mm test leads, Silicone insulated, 100 cm, 0.75 mm<sup>2</sup>, max. 15 A
- Push-on test probes, stainless steel, rigid, with protective caps for non-slip contact with individual IC legs (spacing 2.54 mm)
- Push-on test clips with sharp toothed jaws, max. 2 A

|               |                                         |
|---------------|-----------------------------------------|
| Rated voltage | 30 V <sub>AC</sub> / 60 V <sub>DC</sub> |
| Order No.     | 99.00185                                |

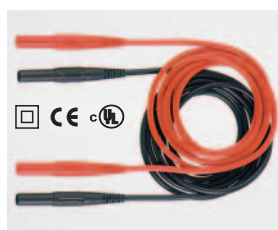
## The ø 4 mm Safety System



### ø 4 mm Safety Test Leads (2 pcs. red / black)

E4S-010

B1



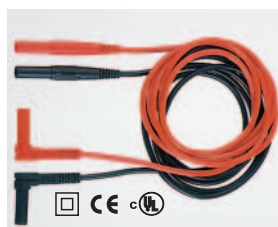
Highly flexible safety test leads.  
ø 4 mm inline safety plug at each end.

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A             |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / PVC / 150 cm |
| Order No.                                | 99.00011                           |

### ø 4 mm Safety Test Leads (2 pcs. red / black)

E4S-030

B1



Highly flexible safety test leads.  
One end ø 4 mm inline safety plug, other end right-angled ø 4 mm safety plug.

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A             |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / PVC / 150 cm |
| Order No.                                | 99.00017                           |

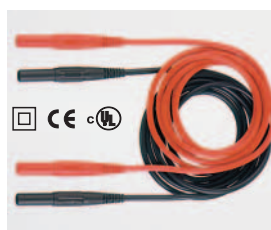
## In Conformity with Standards and Safe.



### ø 4 mm Safety Test Leads (2 pcs. red / black)

E4S-020

B1



Highly flexible safety test leads.  
ø 4 mm inline safety plug at each end.

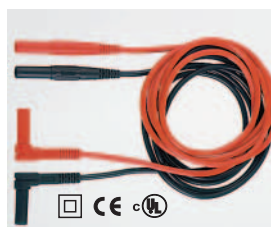
|                                          |                                         |
|------------------------------------------|-----------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A                  |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / Silicone / 150 cm |
| Order No.                                | 99.00014                                |

**Silicone**

### ø 4 mm Safety Test Leads (2 pcs. red / black)

E4S-040

B1



Highly flexible safety test leads.  
One end ø 4 mm inline safety plug, other end right-angled ø 4 mm safety plug.

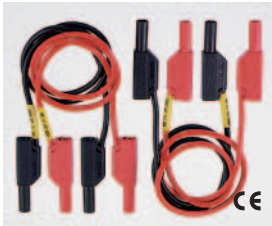
|                                          |                                         |
|------------------------------------------|-----------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A                  |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / Silicone / 150 cm |
| Order No.                                | 99.00020                                |

**Silicone**

**4 mm Safety Test Leads**  
(4 pcs. red / black)

**E4S-050**

**B1**



**50 cm**

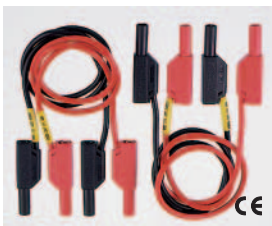
High-flexibility safety test leads.  
Both ends fitted with ø 4 mm  
stackable safety plugs.

|                                             |                                      |
|---------------------------------------------|--------------------------------------|
| Rated voltage / current                     | 1000 V, CAT III / 32 A               |
| Lead cross-section<br>/ insulation / length | 2.5 mm <sup>2</sup><br>/ PVC / 50 cm |
| <b>Order No.</b>                            | <b>99.00023</b>                      |

**ø 4 mm Safety Test Leads**  
(4 pcs. red / black)

**E4S-070**

**B1**



**100 cm**

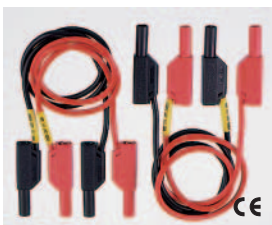
High-flexibility safety test leads.  
Both ends fitted with ø 4 mm  
stackable safety plugs.

|                                             |                                       |
|---------------------------------------------|---------------------------------------|
| Rated voltage / current                     | 1000 V, CAT III / 32 A                |
| Lead cross-section<br>/ insulation / length | 2.5 mm <sup>2</sup><br>/ PVC / 100 cm |
| <b>Order No.</b>                            | <b>99.00029</b>                       |

**ø 4 mm Safety Test Leads**  
(4 pcs. red / black)

**E4S-090**

**B1**



**200 cm**

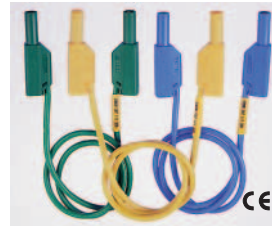
High-flexibility safety test leads.  
Both ends fitted with ø 4 mm  
stackable safety plugs.

|                                             |                                       |
|---------------------------------------------|---------------------------------------|
| Rated voltage / current                     | 1000 V, CAT III / 32 A                |
| Lead cross-section<br>/ insulation / length | 2.5 mm <sup>2</sup><br>/ PVC / 200 cm |
| <b>Order No.</b>                            | <b>99.00035</b>                       |

**ø 4 mm Safety Test Leads**  
(3 pcs. blue / yellow / green)

**E4S-060**

**B2**



**50 cm**

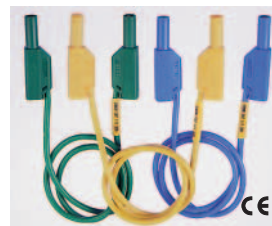
High-flexibility safety test leads.  
Both ends fitted with ø 4 mm  
stackable safety plugs.

|                                             |                                      |
|---------------------------------------------|--------------------------------------|
| Rated voltage / current                     | 1000 V, CAT III / 32 A               |
| Lead cross-section<br>/ insulation / length | 2.5 mm <sup>2</sup><br>/ PVC / 50 cm |
| <b>Order No.</b>                            | <b>99.00026</b>                      |

**ø 4 mm Safety Test Leads**  
(3 pcs. blue / yellow / green)

**E4S-080**

**B1**



**100 cm**

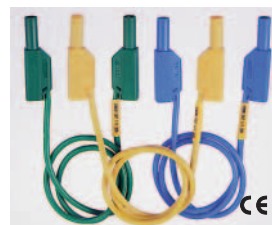
High-flexibility safety test leads.  
Both ends fitted with ø 4 mm  
stackable safety plugs.

|                                             |                                       |
|---------------------------------------------|---------------------------------------|
| Rated voltage / current                     | 1000 V, CAT III / 32 A                |
| Lead cross-section<br>/ insulation / length | 2.5 mm <sup>2</sup><br>/ PVC / 100 cm |
| <b>Order No.</b>                            | <b>99.00032</b>                       |

**ø 4 mm Safety Test Leads**  
(3 pcs. blue / yellow / green)

**E4S-100**

**B1**



**200 cm**

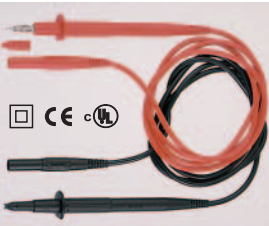
High-flexibility safety test leads.  
Both ends fitted with ø 4 mm  
stackable safety plugs.

|                                             |                                       |
|---------------------------------------------|---------------------------------------|
| Rated voltage / current                     | 1000 V, CAT III / 32 A                |
| Lead cross-section<br>/ insulation / length | 2.5 mm <sup>2</sup><br>/ PVC / 200 cm |
| <b>Order No.</b>                            | <b>99.00038</b>                       |

ø 4 mm Safety Test Leads with Test Probes (2 pcs. red / black)

E4S-110

B1



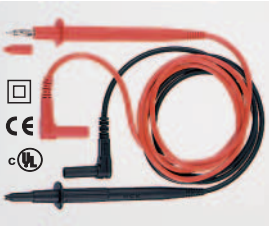
Highly flexible safety test leads. One end ø 4 mm safety test probe with spring Multilam<sup>®</sup>, other end ø 4 mm inline safety plug. With protective caps for test connection to IC's (leg spacing 2.54 mm).

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A             |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / PVC / 100 cm |
| Order No.                                | 99.00041                           |

ø 4 mm Safety Test Leads with Test Probes (2 pcs. red / black)

E4S-130

B1



Highly flexible safety test leads. One end ø 4 mm safety test probe with spring Multilam<sup>®</sup>, other end right-angled ø 4 mm safety plug. With protective caps for test connection to IC's (leg spacing 2.54 mm).

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A             |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / PVC / 100 cm |
| Order No.                                | 99.00047                           |

ø 4 mm Safety Test Lead with Test Probe (black)

E4S-150

B3



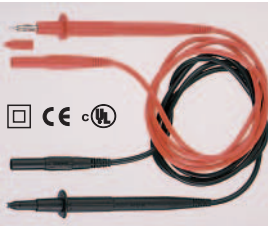
Highly flexible safety test leads. One end ø 4 mm safety test probe with spring Multilam<sup>®</sup>, other end ø 4 mm inline safety plug. The insulating sleeve over the probe tip can be pushed back at the press of a button.

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A             |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / PVC / 150 cm |
| Order No.                                | 99.00053                           |

ø 4 mm Safety Test Leads with Test Probes (2 pcs. red / black)

E4S-120

B1



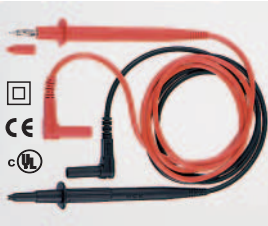
Highly flexible safety test leads. One end ø 4 mm safety test probe with spring Multilam<sup>®</sup>, other end ø 4 mm inline safety plug. With protective caps for test connection to IC's (leg spacing 2.54 mm).

|                                          |                                         |
|------------------------------------------|-----------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A                  |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / Silicone / 100 cm |
| Order No.                                | 99.00044                                |

ø 4 mm Safety Test Leads with Test Probes (2 pcs. red / black)

E4S-140

B1



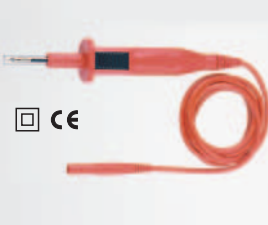
Highly flexible safety test leads. One end ø 4 mm safety test probe with spring Multilam<sup>®</sup>, other end right-angled ø 4 mm safety plug. With protective caps for test connection to IC's (leg spacing 2.54 mm).

|                                          |                                         |
|------------------------------------------|-----------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A                  |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / Silicone / 100 cm |
| Order No.                                | 99.00050                                |

ø 4 mm Safety Test Lead with Test Probe (red)

E4S-160

B3



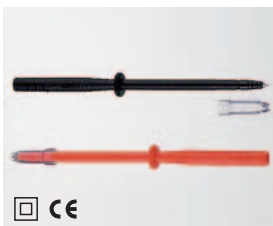
Highly flexible safety test leads. One end ø 4 mm safety test probe with spring Multilam<sup>®</sup>, other end ø 4 mm inline safety plug. The insulating sleeve over the probe tip can be pushed back at the press of a button.

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Rated voltage / current                  | 1000 V, CAT III / 19 A             |
| Lead cross-section / insulation / length | 1.0 mm <sup>2</sup> / PVC / 150 cm |
| Order No.                                | 99.00056                           |

ø 4 mm Safety Test Probes  
(2 pcs. red / black)

E4S-170

B2



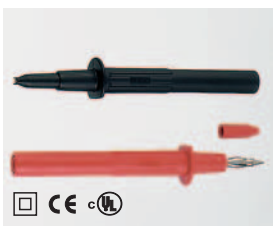
Slim, tapered rigid stainless steel probe with ø 4 mm safety socket to fit on all spring-loaded ø 4 mm plugs. Protective caps for non-slip contact with individual IC legs (spacing 2.54 mm) are supplied with the probes.

|                |                                   |
|----------------|-----------------------------------|
| Rated voltage  | 1000 V, CAT III                   |
| Test contact   | slim stainless-steel point, rigid |
| Overall length | 122 mm                            |
| Order No.      | 99.00059                          |

ø 4 mm Safety Test Probes  
(2 pcs. red / black)

E4S-190

B2



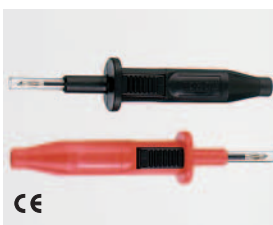
ø 4 mm test probes with spring Multilam<sup>®</sup>. ø 4 mm safety socket in handling part to fit on all spring-loaded ø 4 mm plugs. Protective caps for non-slip contact with individual IC legs (spacing 2.54 mm) are supplied with the probes.

|                        |                                                |
|------------------------|------------------------------------------------|
| Rated voltage/ current | 1000 V, CAT III / 20 A                         |
| Test contact           | ø 4 mm probe with spring Multilam <sup>®</sup> |
| Overall length         | 115 mm                                         |
| Order No.              | 99.00065                                       |

ø 4 mm Safety Test Probes  
(2 pcs. red / black)

E4S-210

B3



IP2X

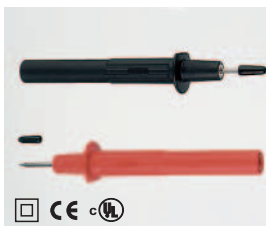
ø 4 mm test probes with spring Multilam<sup>®</sup>. The insulating sleeve over the probe tip can be pushed back at the press of a button. ø 4 mm safety socket in handling part to fit on all spring-loaded ø 4 mm plugs.

|                         |                                                |
|-------------------------|------------------------------------------------|
| Rated voltage / current | 1000 V, CAT III / 32 A                         |
| Test contact            | ø 4 mm probe with spring Multilam <sup>®</sup> |
| Overall length          | ~ 170 mm                                       |
| Order No.               | 99.00071                                       |

ø 4 mm Safety Test Probes  
(2 pcs. red / black)

E4S-180

B2



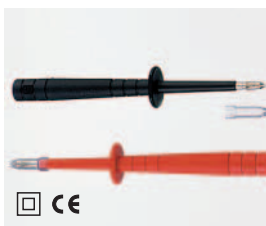
ø 2 mm stainless steel probe with ø 4 mm safety socket in handling part to fit on all spring-loaded ø 4 mm plugs.

|                         |                                     |
|-------------------------|-------------------------------------|
| Rated voltage / current | 1000 V, CAT III / 10 A              |
| Test contact            | ø 2 mm stainless-steel point, rigid |
| Overall length          | 115 mm                              |
| Order No.               | 99.00062                            |

ø 4 mm Safety Test Probes  
(2 pcs. red / black)

E4S-200

B2



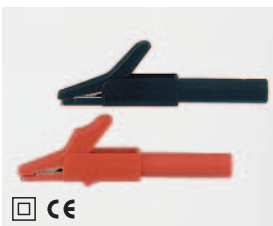
ø 4 mm test probes with spring Multilam<sup>®</sup>. ø 4 mm safety socket in handling part to fit on all spring-loaded ø 4 mm plugs. Protective caps for non-slip contact with individual IC legs (spacing 2.54 mm) are supplied with the probes.

|                         |                                                |
|-------------------------|------------------------------------------------|
| Rated voltage / current | 1000 V, CAT III / 32 A                         |
| Test contact            | ø 4 mm probe with spring Multilam <sup>®</sup> |
| Overall length          | 140 mm                                         |
| Order No.               | 99.00068                                       |

**Small ø 4 mm Safety Crocodile Clips**  
(2 pcs. red / black)

**E4S-220**

**B4**



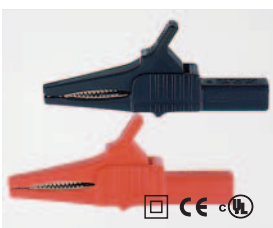
Small, slim safety test clips with all-round insulation. Toothed jaws for wide grip with surface for fine wire. ø 4 mm safety socket in insulator to fit on all spring-loaded ø 4 mm plugs.

|                         |                                         |
|-------------------------|-----------------------------------------|
| Rated voltage / current | 300 V, CAT II / max. 15 A               |
| Test connection         | Toothed jaws with surface for fine wire |
| Clamping capacity       | 11 mm                                   |
| Overall length          | 54.5 mm                                 |
| Order No.               | 99.00074                                |

**ø 4 mm Safety Crocodile Clips**  
(2 pcs. red / black)

**E4S-230**

**B4**



Safety test clips with all-round insulation. Toothed jaws for wide grip with surface for fine wire. ø 4 mm safety socket in insulator to fit on all spring-loaded ø 4 mm plugs.

|                         |                                         |
|-------------------------|-----------------------------------------|
| Rated voltage / current | 1000 V, CAT II / max. 32 A              |
| Test connection         | Toothed jaws with surface for fine wire |
| Clamping capacity       | 20 mm                                   |
| Overall length          | 82.2 mm                                 |
| Order No.               | 99.00077                                |

**ø 4 mm Safety Dolphin Clips**  
(2 pcs. red / black)

**E4S-250**

**B4**



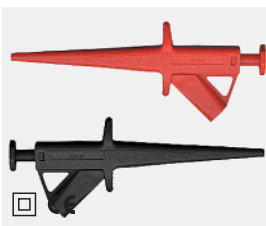
Safety dolphin clips with all-round insulation. Toothed jaws for wide grip with surface for fine wire. ø 4 mm safety socket in insulator to fit on all spring-loaded ø 4 mm plugs.

|                         |                                         |
|-------------------------|-----------------------------------------|
| Rated voltage / current | 1000 V, CAT III / max. 32 A             |
| Test connection         | Toothed jaws with surface for fine wire |
| Clamping capacity       | 30 mm                                   |
| Overall length          | 92 mm                                   |
| Order No.               | 99.00083                                |

**ø 4 mm Safety Hook Clips**  
(2 pcs. red / black)

**E4S-270**

**B2**



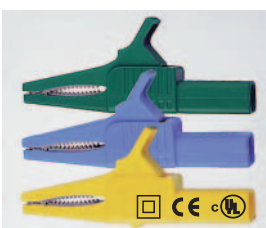
Safety test connectors with rigid hook clip for hooking onto wires. ø 4 mm safety socket in insulator to fit on all spring-loaded ø 4 mm plugs.

|                         |                            |
|-------------------------|----------------------------|
| Rated voltage / current | 1000 V, CAT III / max. 3 A |
| Test connector          | Rigid hook clip            |
| Max. grip diameter      | ~ 1 mm                     |
| Overall length          | 125 mm                     |
| Order No.               | 99.00089                   |

**ø 4 mm Safety Crocodile Clips**  
(3 pcs. blue / yellow / green)

**E4S-240**

**B4**



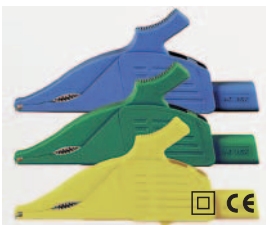
Safety test clips with all-round insulation. Toothed jaws for wide grip with surface for fine wire. ø 4 mm safety socket in insulator to fit on all spring-loaded ø 4 mm plugs.

|                         |                                         |
|-------------------------|-----------------------------------------|
| Rated voltage / current | 1000 V, CAT II / max. 32 A              |
| Test connection         | Toothed jaws with surface for fine wire |
| Clamping capacity       | 20 mm                                   |
| Overall length          | 82.2 mm                                 |
| Order No.               | 99.00080                                |

**ø 4 mm Safety Dolphin Clips**  
(3 pcs. blue / yellow / green)

**E4S-260**

**B4**



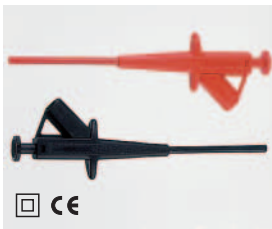
Safety dolphin clips with all-round insulation. Toothed jaws for wide grip with surface for fine wire. ø 4 mm safety socket in insulator to fit on all spring-loaded ø 4 mm plugs.

|                         |                                         |
|-------------------------|-----------------------------------------|
| Rated voltage / current | 1000 V, CAT III / max. 32 A             |
| Test connection         | Toothed jaws with surface for fine wire |
| Clamping capacity       | 30 mm                                   |
| Overall length          | 92 mm                                   |
| Order No.               | 99.00086                                |

**ø 4 mm Safety Grabber Clips  
(2 pcs. red / black)**

**E4S-280**

**B2**



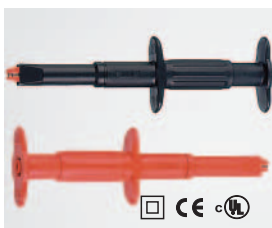
Safety test clip with spring-wire grabber in flexible, Silicone-insulated shank with very good heat resistance. Suitable for single-handed operation. ø 4 mm safety socket in handling part to fit on all spring-loaded ø 4 mm plugs.

|                         |                            |
|-------------------------|----------------------------|
| Rated voltage / current | 1000 V, CAT III / max. 4 A |
| Test connector          | Spring-wire grabber        |
| Max. grip diameter      | ~ 5 mm                     |
| Overall length          | 155 mm                     |
| <b>Order No.</b>        | <b>99.00092</b>            |

**ø 4 mm Safety Jaw Clips  
(2 pcs. red / black)**

**E4S-300**

**B2**



Safety test clip with strong jaws insulated on the outside. ø 4 mm safety socket in insulator to fit on all spring-loaded ø 4 mm plugs.

|                         |                             |
|-------------------------|-----------------------------|
| Rated voltage / current | 1000 V, CAT III / max. 16 A |
| Test connector          | Strong jaws                 |
| Clamping capacity       | 20 mm                       |
| Overall length          | 131 mm                      |
| <b>Order No.</b>        | <b>99.00098</b>             |

**ø 4 mm Safety Flat Test Clips  
(2 pcs. red / black)**

**E4S-320**

**B1**



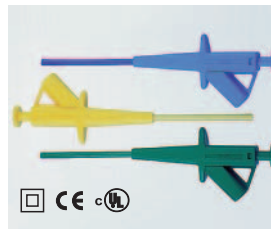
Safety flat test clip for making quick, sure contact in voltage measurements. With adjustable stop. Inline test connection via ø 4 mm safety socket to fit on all spring-loaded ø 4 mm plugs.

|                        |                      |
|------------------------|----------------------|
| Rated voltage/ current | 600 V, CAT III / 5 A |
| Test connector         | 0 ... 30 mm          |
| Overall length         | 152 mm               |
| <b>Order No.</b>       | <b>99.00104</b>      |

**ø 4 mm Safety Grabber Clips  
(3 pcs. blue / yellow / green)**

**E4S-290**

**B1**



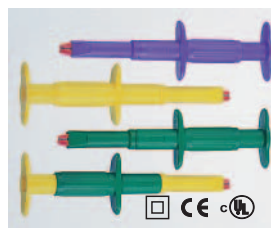
Safety test clip with spring-wire grabber in flexible, Silicone-insulated shank with very good heat resistance. Suitable for single-handed operation. ø 4 mm safety socket in handling part to fit on all spring-loaded ø 4 mm plugs.

|                         |                            |
|-------------------------|----------------------------|
| Rated voltage / current | 1000 V, CAT III / max. 4 A |
| Test connector          | Spring-wire grabber        |
| Max. grip diameter      | ~ 5 mm                     |
| Overall length          | 155 mm                     |
| <b>Order No.</b>        | <b>99.00095</b>            |

**ø 4 mm Safety Jaw Clips  
(4 pcs. yellow / green / violet / green-yellow)**

**E4S-310**

**B1**



Safety test clip with strong jaws insulated on the outside. ø 4 mm safety socket in insulator to fit on all spring-loaded ø 4 mm plugs.

|                         |                             |
|-------------------------|-----------------------------|
| Rated voltage / current | 1000 V, CAT III / max. 16 A |
| Test connector          | Strong jaws                 |
| Clamping capacity       | 20 mm                       |
| Overall length          | 131 mm                      |
| <b>Order No.</b>        | <b>99.00101</b>             |

**ø 4 mm Safety Flat Test Clips  
(3 pcs. yellow / green / violet)**

**E4S-330**

**B1**



Safety flat test clip for making quick, sure contact in voltage measurements. With adjustable stop. Inline test connection via ø 4 mm safety socket to fit on all spring-loaded ø 4 mm plugs.

|                        |                      |
|------------------------|----------------------|
| Rated voltage/ current | 600 V, CAT III / 5 A |
| Test connector         | 0 ... 30 mm          |
| Overall length         | 152 mm               |
| <b>Order No.</b>       | <b>99.00107</b>      |

**Multi-Contact****MC****Stackable ø 4 mm Safety Plugs  
(4 pcs. red / black)****E4S-340****B4****Solder connection**

ø 4 mm safety plug with solder connection for connecting flexible leads. ø 4 mm socket at rear permits insertion of further ø 4 mm plugs.

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| Rated voltage / current                         | 1000 V, CAT III / 32 A       |
| Max. conductor cross-section / outside diameter | 2.5 mm <sup>2</sup> / 3.9 mm |
| Order No.                                       | 99.00110                     |

**Stackable ø 4 mm Safety Plugs  
(4 pcs. red / black)****E4S-350****B4****Screw connection**

ø 4 mm safety plug with screw connection for connecting flexible leads. ø 4 mm socket at rear permits insertion of further ø 4 mm plugs.

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| Rated voltage / current                         | 600 V, CAT II / max. 32 A    |
| Max. conductor cross-section / outside diameter | 2.5 mm <sup>2</sup> / 4.0 mm |
| Order No.                                       | 99.00113                     |

**ø 4 mm Inline Safety Plugs  
(4 pcs. red / black)****E4S-360****B4****Screw connection**

ø 4 mm safety plug with screw connection for connecting flexible leads.

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| Rated voltage / current                         | 1000 V, CAT II / max. 20 A   |
| Max. conductor cross-section / outside diameter | 2.5 mm <sup>2</sup> / 3.9 mm |
| Order No.                                       | 99.00116                     |

**Our Range of Multistrand Wires**

Are you interested in our extensive range of highly flexible multi-strand wires with insulation of PVC, Silicone, TEP, Teflon® -FEP etc.?

Then order our  
**Catalogue Ho14 / Lilei !**

**ø 4 mm Safety Universal Mounting Sockets  
with Screw Connection (4 pcs. red / black)****B4**

Touch-protected ø 4 mm safety sockets for installation in holes drilled in panels or casings in plastic, metal etc. Mounting by pressing-in or screw fitting, flush or raised.

|                             |                 |
|-----------------------------|-----------------|
| Rated voltage               | 1000 V, CAT II  |
| - press-in / flush mounting | 600 V, CAT II   |
| - raised mounting           |                 |
| Rated current               | 20 A            |
| Connection                  | M4 screw thread |
| Order No.                   | 99.00137        |

ø 4 mm Safety Panel-mounting Sockets **E4S-370**  
with Flat Connecting Tab (assortment, 10 pcs.)

B4



Touch-protected, screw-fitting ø 4 mm safety panel sockets. Mounting of sockets in holes drilled in panels or casings of plastic, metal etc.

|                         |                                     |
|-------------------------|-------------------------------------|
| Rated voltage / current | 1000 V, CAT II / 20 A               |
| Connection              | Flat connecting tab<br>4.8 x 0.8 mm |
| Order No.               | 99.00119                            |

ø 4 mm Safety Panel-mounting Sockets **E4S-390**  
with Round-pin Connection (8 pcs. red / black)

B4



Touch-protected ø 4 mm safety screw-in sockets for mounting in holes drilled in panels or casings of plastic, metal etc.

|                         |                        |
|-------------------------|------------------------|
| Rated voltage / current | 1000 V, CAT III / 24 A |
| Connection              | ø 1.9 mm round pin     |
| Order No.               | 99.00125               |

ø 4 mm Safety Panel-mounting Sockets with **E4S-410**  
Screw Connection (6 pcs. yellow / green / violet)

B4



gold-plated

Touch-protected ø 4 mm safety screw-in sockets for mounting in holes drilled in panels or casings of plastic, metal etc.

|                         |                                  |
|-------------------------|----------------------------------|
| Rated voltage / current | 1000 V, CAT III / 32 A           |
| Connection              | M4 screw thread<br>(gold-plated) |
| Order No.               | 99.00131                         |

ø 4 mm Safety Panel-mounting Sockets **E4S-380**  
with Screw Connection (assortment, 12 pcs.)

B4



Touch-protected ø 4 mm safety screw-in sockets for mounting in holes drilled in panels or casings of plastic, metal etc.

|                         |                        |
|-------------------------|------------------------|
| Rated voltage / current | 1000 V, CAT III / 32 A |
| Connection              | M4 screw thread        |
| Order No.               | 99.00122               |

ø 4 mm Safety Panel-mounting Sockets **E4S-400**  
with Screw Connection (4 pcs. red / black)

B4



gold-plated

Touch-protected ø 4 mm safety screw-in sockets for mounting in holes drilled in panels or casings of plastic, metal etc.

|                         |                                  |
|-------------------------|----------------------------------|
| Rated voltage / current | 1000 V, CAT III / 32 A           |
| Connection              | M4 screw thread<br>(gold-plated) |
| Order No.               | 99.00128                         |

ø 4 mm Safety Bridging Sockets **E4S-420**  
(4 pcs. red / black)

B4



Touch-protected ø 4 mm safety screw-in sockets for mounting in holes drilled in panels or casings of plastic, metal etc. Bridging function effected by insertion of a plug.

|                         |                                        |
|-------------------------|----------------------------------------|
| Rated voltage / current | 1000 V, CAT III / 20 A                 |
| Connection              | 2x Flat connecting tab<br>4.8 x 0.8 mm |
| Order No.               | 99.00134                               |

ø 4 mm Safety Test Lead Set  
with Accessories (4-piece)

Z4S-050

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads with stackable plugs, Silicone insulated, 200 cm, 2.5 mm<sup>2</sup>, max. 32 A
- Push-on safety test probes with spring Multilam<sup>®</sup> and with protective cap for contact with individual IC legs (spacing 2.54 mm)

CE

|               |                 |
|---------------|-----------------|
| Rated voltage | 1000 V, CAT III |
| Order No.     | 99.00188        |

ø 4 mm Safety Test Lead Set  
"Electrical 1" (8-piece)

Z4S-150

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads, Silicone insulated, 100 cm long, 1.0 mm<sup>2</sup>, 19 A
- Push-on safety crocodile clips with all-round insulation and strong jaws with surface for fine wire
- Safety cable lug adapter
- Push-on safety test probes, stainless steel, rigid, max. 10 A

|               |                |
|---------------|----------------|
| Rated voltage | 1000 V, CAT II |
| Order No.     | 99.00194       |

ø 4 mm Safety Test Lead Set  
"Automotive" (8-piece)

Z4S-100

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads, Silicone insulated, 100 cm long, 1.0 mm<sup>2</sup>, 19 A
- Push-on safety crocodile clips with all-round insulation and strong jaws with surface for fine wire
- Push-on safety test probes, stainless steel, rigid, with protective cap for contact with individual IC legs (spacing 2.54 mm)
- Push-on safety test clips with strong jaws insulated on the outside, max. 16 A

CE

|               |                |
|---------------|----------------|
| Rated voltage | 1000 V, CAT II |
| Order No.     | 99.00191       |

ø 4 mm Safety Test Lead Set  
"Electrical 2" (8-piece)

Z4S-200

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads, Silicone insulated, 100 cm long, 1.0 mm<sup>2</sup>, 19 A
- Push-on safety crocodile clips with all-round insulation and strong jaws with surface for fine wire
- Safety cable lug adapter
- Push-on safety test probes with spring Multilam® and protective cap for contact with individual IC legs (spacing 2.54 mm)

|               |                |
|---------------|----------------|
| Rated voltage | 1000 V, CAT II |
| Order No.     | 99.00197       |

ø 4 mm Safety Test Lead Set  
"Electronics" (10-piece)

Z4S-300

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads, Silicone insulated, 100 cm, 0.75 mm<sup>2</sup>, max. 15 A
- Push-on safety hook clips, max. 3 A
- Push-on safety grabber clips, max. 1 A
- Push-on safety probes, stainless steel, spring-loaded
- Push-on safety crocodile clips with strong jaws with surface for fine wire, max. 300 V, CAT II



|               |                     |
|---------------|---------------------|
| Rated voltage | max. 1000 V, CAT II |
| Order No.     | 99.00203            |

ø 4 mm Safety Test Lead Set  
"Universal" (8-piece)

Z4S-250

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads with stainless steel probe with thread for screwing-on accessories, Silicone insulated, 100 cm, 0.75 mm<sup>2</sup>, max. 15 A
- Screw-on safety hook clips, max. 30 V<sub>AC</sub> / 60 V<sub>DC</sub>, 3 A
- Screw-on safety crocodile clips with surface for fine wire, 10 A
- Screw-on cable lugs, max. 30 V<sub>AC</sub> / 60 V<sub>DC</sub>

|               |                    |
|---------------|--------------------|
| Rated voltage | max. 600 V, CAT II |
| Order No.     | 99.00200           |



ø 4 mm Safety Test Lead Set  
"Electrical 3" (6-piece)

Z4S-350

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads, Silicone insulated, 100 cm long, 1.0 mm<sup>2</sup>, 19 A
- Push-on safety test clips with strong jaws insulated on the outside, max. 16 A
- Push-on safety test probes, stainless steel, rigid, max. 10 A



|               |                 |
|---------------|-----------------|
| Rated voltage | 1000 V, CAT III |
| Order No.     | 99.00206        |

ø 4 mm Safety Test Lead Set  
"Electrical 4" (6-piece)

Z4S-400

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads, Silicone insulated, 100 cm long, 1.0 mm<sup>2</sup>, 19 A
- Push-on safety test clips with strong jaws insulated on the outside, max. 16 A
- Push-on safety test probes with spring Multilam® and protective cap for contact with individual IC legs (spacing 2.54 mm)



|               |                 |
|---------------|-----------------|
| Rated voltage | 1000 V, CAT III |
| Order No.     | 99.00209        |

ø 4 mm Safety Test Lead Set  
"Electrical 5" (6-piece)

Z4S-500

B1



**Silicone**

Test lead set, consisting of:

- ø 4 mm safety test leads, Silicone insulated, 150 cm long, 1.0 mm<sup>2</sup>, 19 A
- Push-on safety test probes with spring Multilam® and transparent protective sleeve (protection class IP2X)
- Push-on safety dolphin clips with all-round insulation. Toothed jaws with surface for fine wire



|               |                 |
|---------------|-----------------|
| Rated voltage | 1000 V, CAT III |
| Order No.     | 99.00212        |

**BNC /  $\varnothing$  4 mm Safety Adapter  
(2 pcs. black-red)**
**EHF-025**
**B4**

**BNC -  $\varnothing$  4 mm**

Fully insulated adapters.  
One side BNC plug, other side  
two  $\varnothing$  4 mm safety sockets  
(red socket: BNC internal  
conductor; black socket: shield).

|                                                                 |                                 |
|-----------------------------------------------------------------|---------------------------------|
| Rated voltage<br>- Shield / earth<br>- Inner conductor / shield | 1000 V, CAT II<br>500 V, CAT II |
| <b>Order No.</b>                                                | <b>99.00140</b>                 |

**BNC /  $\varnothing$  4 mm Safety Adapter  
(2 pcs. black-red)**
**EHF-275**
**B4**

**BNC -  $\varnothing$  4 mm**

Fully insulated adapters.  
One side BNC socket, other side  
two  $\varnothing$  4 mm safety plugs  
(red plug: BNC internal  
conductor; black plug: shield).

|                                                                 |                                 |
|-----------------------------------------------------------------|---------------------------------|
| Rated voltage<br>- Shield / earth<br>- Inner conductor / shield | 1000 V, CAT II<br>500 V, CAT II |
| <b>Order No.</b>                                                | <b>99.00215</b>                 |

**Safety BNC Signal Distributors  
(2 pcs. black)**
**EHF-050**
**B4**

**BNC - BNC**

Fully insulated signal distributor  
with one BNC plug and two BNC  
sockets. All inner conductors and  
all shields are interconnected.

|                                                                 |                                 |
|-----------------------------------------------------------------|---------------------------------|
| Rated voltage<br>- Shield / earth<br>- Inner conductor / shield | 1000 V, CAT II<br>500 V, CAT II |
| <b>Order No.</b>                                                | <b>99.00143</b>                 |

**Fully Insulated BNC Panel Sockets  
(4 pcs. red / black)**
**EHF-075**
**B4**

**Solder connection**

Fully insulated safety sockets  
to mate with BNC plugs.  
Mounting of sockets in holes  
drilled in panels or casings of  
plastic, metal etc.

|                                       |                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Bemessungs-<br>spannung<br>Connection | Shield / earth: 1000 V, CAT II<br>Inner conductor / shield: 1000 V, CAT II<br>Inner conductor: round soldering pin<br>Shield: soldering tag |
| <b>Order No.</b>                      | <b>99.00146</b>                                                                                                                             |

**Fully Insulated BNC Panel Sockets  
(4 pcs. red / black)**
**EHF-100**
**B4**

**Printed circuit  
connection**

Fully insulated safety sockets  
to mate with BNC plugs.  
Mounting of sockets in holes  
drilled in panels or casings of  
plastic, metal etc.

|                  |                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------|
| Rated voltage    | Shield / earth: 1000 V, CAT II<br>Inner conductor / shield: 1000 V, CAT II                         |
| Connection       | One connecting wire each<br>for inner conductor and shield<br>(length 30 mm, $\varnothing$ 0.8 mm) |
| <b>Order No.</b> | <b>99.00149</b>                                                                                    |

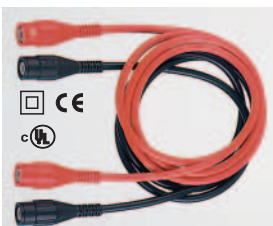
**Fully Insulated BNC Plugs  
(4 pcs. red / black)**
**EHF-125**
**B4**


Fully insulated BNC plugs  
for connecting RG58 cables

|                  |                 |
|------------------|-----------------|
| Rated voltage    | 1000 V, CAT II  |
| <b>Order No.</b> | <b>99.00152</b> |

### Fully Insulated BNC Connecting Leads EHF-150 (2 pcs. red / black)

B1



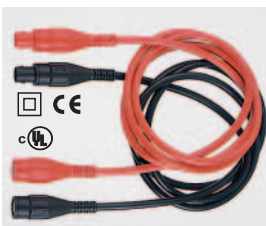
**BNC - BNC**

BNC connecting leads. With fully insulated BNC plugs at both ends.

|               |                |
|---------------|----------------|
| Rated voltage | 1000 V, CAT II |
| Impedance     | 50 Ω           |
| Lead length   | 100 cm         |
| Order No.     | 99.00155       |

### Fully Insulated BNC Extension Leads EHF-175 (2 pcs. red / black)

B1



**BNC - BNC**

BNC extension leads. One end fully insulated BNC plug, other end fully insulated BNC socket.

|               |                |
|---------------|----------------|
| Rated voltage | 1000 V, CAT II |
| Impedance     | 50 Ω           |
| Lead length   | 100 cm         |
| Order No.     | 99.00158       |

### Fully Insulated Adapter Lead EHF-200 BNC / ø 4 mm

B1



**BNC - ø 4 mm**

Adapter lead. One end fully insulated BNC plug, other end stackable ø 4 mm safety plugs.  
(red plug: BNC internal conductor; black plug: shield).

|               |                                   |
|---------------|-----------------------------------|
| Rated voltage | 600 V, CAT II                     |
| Lead          | Coax lead, PVC insulated (160 cm) |
| Order No.     | 99.00161                          |

### Fully Insulated Adapter Lead EHF-250 BNC / ø 4 mm

B1



**BNC - ø 4 mm**

Adapter lead. One end fully insulated BNC plug, other end inline ø 4 mm safety plugs.  
(red plug: BNC internal conductor; black plug: shield).

|               |                                   |
|---------------|-----------------------------------|
| Rated voltage | 1000 V, CAT II                    |
| Lead          | Coax lead, PVC insulated (160 cm) |
| Order No.     | 99.00167                          |

### Safety Probe Set "Demodulator" ZHF-300 (2-piece)

ZHF-300



**Demodulator**

Probe set, comprising:

- Fully insulated high-frequency probe Isoprobe® II- DEM - 4 with highly flexible coaxial cable with ø 4 mm safety plugs.  
(red plug: BNC internal conductor; black plug: shield). ø 2 mm safety socket for reference connection in handling part.
- Reference lead with crocodile clip (10 cm, 600 V, CAT III)

|                         |                      |
|-------------------------|----------------------|
| Rated voltage of probe: | 1000 V, CAT II       |
| - Shield / earth        | 250 V <sub>DC</sub>  |
| - Probe tip / shield    | 50 V <sub>PP</sub>   |
| - max. HF voltage       |                      |
| Frequency range         | 100 kHz ... 1000 MHz |
| Order No.               | 99.00176             |

**Safety Probe Set "Electronics"**  
(4-piece)

**ZHF-100**

**B3**



Probe set, comprising:

- Fully insulated high-frequency probe Isoprobe® II- 10:1 - 450 with highly flexible coaxial cable with BNC plug. Compensation adjusting screw and ø 2 mm safety socket for reference connection in handling part.
- Reference lead with crocodile clip (10 cm, 600 V, CAT III)
- Push-on hook clip with additional reference lead (600 V, CAT II)
- Push-on BNC plug (500 V, CAT II)

**10 : 1**  
**450 MHz**

|                                                                     |                                                                         |
|---------------------------------------------------------------------|-------------------------------------------------------------------------|
| Rated voltage of probe:<br>- Shield / earth<br>- Probe tip / shield | 1000 V, CAT II<br>max. 1000 V <sub>AC/DC</sub><br>(frequency-dependent) |
| Dividing ratio                                                      | 10 : 1                                                                  |
| Frequency range                                                     | DC up to 450 MHz                                                        |
| <b>Order No.</b>                                                    | <b>99.00170</b>                                                         |

**Safety Probe Set "Electrical"**  
(5-piece)

**ZHF-200**

**B3**



Probe set, comprising:

- Fully insulated high-frequency probe Isoprobe® II- 10:1 - 250 with highly flexible coaxial cable with BNC plug. Compensation adjusting screw and ø 2 mm safety socket for reference connection in handling part.
- Reference lead with crocodile clip (10 cm, 600 V, CAT III)
- Push-on ø 4 mm test probe with spring Multilam® (1000 V, CAT II)
- Push-on hook clip (1000 V, CAT II)
- Push-on jaw clip (1000 V, CAT II)

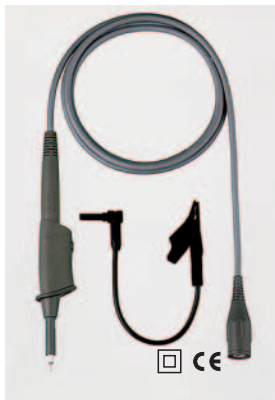
**10 : 1**  
**250 MHz**

|                                                                     |                                                                         |
|---------------------------------------------------------------------|-------------------------------------------------------------------------|
| Rated voltage of probe:<br>- Shield / earth<br>- Probe tip / shield | 1000 V, CAT II<br>max. 1000 V <sub>AC/DC</sub><br>(frequency-dependent) |
| Dividing ratio                                                      | 10 : 1                                                                  |
| Frequency range                                                     | DC up to 250 MHz                                                        |
| <b>Order No.</b>                                                    | <b>99.00173</b>                                                         |

**Safety Probe Set "Economy"**  
(2-piece)

**ZHF-400**

**B3**



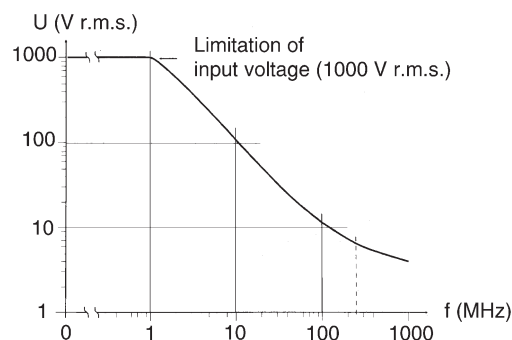
Probe set, comprising:

- Fully insulated high-frequency probe Isoprobe® II- 10:1 - 150 with highly flexible coaxial cable with BNC plug. Compensation adjusting screw and ø 2 mm safety socket for reference connection in handling part.
- Reference lead with crocodile clip (10 cm, 600 V, CAT III)

**10 : 1**  
**150 MHz**

|                                                                     |                                                                        |
|---------------------------------------------------------------------|------------------------------------------------------------------------|
| Rated voltage of probe:<br>- Shield / earth<br>- Probe tip / shield | 1000 V, CAT II<br>max. 400 V <sub>AC/DC</sub><br>(frequency-dependent) |
| Dividing ratio                                                      | 10 : 1                                                                 |
| Frequency range                                                     | DC up to 150 MHz                                                       |
| <b>Order No.</b>                                                    | <b>99.00224</b>                                                        |

**Technical Information**



The rated voltage of the 10:1 probe dividers is frequency-dependent.

## MC®-Niederlassungen / MC®-Companies / Filiales MC®

**World Headquarters:**  
Multi-Contact AG Basel  
Stockbrunnrain 8+12  
CH - 4123 Allschwil 1  
Tel. +41/61/306 55 55  
Fax +41/61/306 55 56  
mail [mailbox@multi-contact.com](mailto:mailbox@multi-contact.com)  
[www.multi-contact.com](http://www.multi-contact.com)



**Multi-Contact Deutschland GmbH**  
Hegenheimer Strasse 19  
Postfach 1606  
D - 79551 Weil am Rhein  
Tel. +49/76 21/6 67 - 0  
Fax +49/76 21/6 67 - 100  
mail [mailbox@multi-contact.de](mailto:mailbox@multi-contact.de)



**Multi-Contact Essen GmbH**  
Hövelstrasse 214  
Postfach 120 164  
D - 45311 Essen  
Tel. +49/2 01/8 31 05 - 0  
Fax +49/2 01/8 31 05 - 99  
mail [mce@multi-contact.com](mailto:mce@multi-contact.com)



**Multi-Contact France S.A.S.**  
Siège social  
4, rue de l'Industrie  
B.P. 37  
F - 68221 Héming Cedex  
Tel. +33/3/89 67 65 70  
Fax +33/3/89 69 27 96  
mail [info@multi-contact-france.fr](mailto:info@multi-contact-france.fr)



**Austria: Multi-Contact**  
Handelsges.m.b.H. Austria  
Hauptplatz 8  
A - 3452 Heiligenbach  
Tel. +43/2275/56 56  
Fax +43/2275/56 56 4  
mail [office@multi-contact.at](mailto:office@multi-contact.at)



**Multi-Contact Benelux N.V./S.A.**  
Kortrijksesteenweg 90/D  
B - 9830 Sint-Martens-Latem  
Tel. +32/9/281 07 50  
Fax +32/9/281 07 55  
mail [info@mc-benelux.be](mailto:info@mc-benelux.be)



**Multi-Contact Italia S.r.l.**  
Via Vetreria, 1 "Como 90"  
I - 22070 Grandate (CO)  
Tel. +39/031/56 52 52  
Fax +39/031/56 52 62  
mail [info@multi-contact.it](mailto:info@multi-contact.it)



**Multi-Contact (UK) Ltd.**  
3 Presley Way  
Crownhill  
Milton Keynes  
GB - Buckinghamshire MK8 OES  
Tel. +44/1908 26 55 44  
Fax +44/1908 26 20 80  
mail [sales@multi-contact.co.uk](mailto:sales@multi-contact.co.uk)  
[www.multi-contact.co.uk](http://www.multi-contact.co.uk)



**Multi-Contact USA**  
U.S. Headquarters  
5560 Skylane Boulevard  
Santa Rosa, CA 95403-8244  
Tel. +1/707/575 - 7575  
Fax +1/707/575 - 7373  
mail [mailbox@multi-contact-usa.com](mailto:mailbox@multi-contact-usa.com)  
[www.multi-contact-usa.com](http://www.multi-contact-usa.com)



**Multi-Contact SEA**  
(South East Asia) Pte. Ltd.  
9 Pioneer Road North #01-55  
Singapore 628461  
Tel. +65/626 609 00  
Fax +65/626 610 66  
mail [mailbox@multi-contact.com.sg](mailto:mailbox@multi-contact.com.sg)



**Multi-Contact (Thailand) Co., Ltd.**  
160/71 Silom Road  
ITF Silom Palace, 10<sup>th</sup> Floor  
Bangkok 10500  
Tel. +66/2/266 78 79; 268 08 04  
Fax +66/2/267 76 80  
mail [mailbox@multi-contact.co.th](mailto:mailbox@multi-contact.co.th)



## Vertretungen / Representatives / Représentations commerciales

**Argentina**  
Idur S.A.  
AR - 1642 San Isidro, Prov. de Bs. As.  
Tel. +54/11/4723 8773  
Fax +54/11/4723 8380  
mail [idursa@ciudad.com.ar](mailto:idursa@ciudad.com.ar)



**Australia/New Zealand**  
Edward Keller Australia Pty. Ltd.  
Hallam Vic 3803  
Tel. +61/3/9554 6666  
Fax +61/3/9554 6677  
mail [electrical@diethelmkeller.com.au](mailto:electrical@diethelmkeller.com.au)  
[www.diethelmkeller.com.au](http://www.diethelmkeller.com.au)



**Brazil**  
excl. Connectors for  
Automatic Systems  
Criem Ltda.  
BR - Belo Horizonte -MG-CEP-30 855-000  
Tel. +55/313/388 6300; 388 6373  
Fax +55/313/388 6513  
mail [criemimports@task.com.br](mailto:criemimports@task.com.br)  
[www.criemimports.com.br](http://www.criemimports.com.br)



**Brazil**  
only Connectors for  
Automatic Systems  
Intermachinery Comercio Ltda.  
Nippert  
BR - 04534-002 Sao Paulo - SP  
Tel. +55/11/3167 7033  
Fax +55/11/3161 6410  
mail [luciomaradei@intermachinery.com.br](mailto:luciomaradei@intermachinery.com.br)



**Colombia/Venezuela**  
Erasmus Ltda.  
Bogota / Colombia  
Tel. +57/1/245 89 40; 340 07 12  
Fax +57/1/340 09 25  
mail [lac@neutel.com.co](mailto:lac@neutel.com.co)



**Cyprus**  
only Connectors for  
Renewable Energy  
Enfoton Solar Ltd.  
CY - 2033 Strovolos - Nicosia  
Tel. +357/22/499 716  
Fax +357/22/497 998  
mail [lsoteriou@enfotonsolar.com](mailto:lsoteriou@enfotonsolar.com)  
[www.enfotonsolar.com](http://www.enfotonsolar.com)



**Czech Republic/Slovakia**  
A.W.V. Elektro spol. s r.o.  
merci a laboratorni technika  
CZ - 397 01 Pisek  
Tel. +420/382-212595; 213756  
Fax +420/382-213756  
mail [awv@awv.cz](mailto:awv@awv.cz)  
[www.awv.cz](http://www.awv.cz)



**Denmark**  
Hin Horsens A/S  
DK - 8700 Horsens  
Tel. +45/7625 9090  
Fax +45/7625 9091  
mail [hin@hin.dk](mailto:hin@hin.dk)



**Finland**  
Multirel Oy  
FIN - 02320 Espoo  
Tel. +358/9/8190 630  
Fax +358/9/8190 6321  
mail [sales@multirel.fi](mailto:sales@multirel.fi)  
[www.multirel.fi](http://www.multirel.fi)



**Greece**  
Nikolaos Ad. Stylas  
GR - 50100 Kozani  
Tel. +30/24610/30 328; 22 178  
Fax +30/24610/30 008  
mail [nstylas@otenet.gr](mailto:nstylas@otenet.gr)



**Hungary**  
Mistral-Contact Bt.  
H - 1184 Budapest  
Tel. +36/1/297 57 24  
Fax +36/1/297 57 25  
mail [csombordi@vnet.hu](mailto:csombordi@vnet.hu)  
[www.mc.vnet.hu](http://www.mc.vnet.hu)



**Iran**  
Rasana-Mehr Co.  
Tehran 15166 / Iran  
Tel. +98/21/888 19 69; 877 60 90  
Fax +98/21/879 66 59; 223 53 73  
mail [rasana@neda.net](mailto:rasana@neda.net)



**Israel**  
Givon Electronics Ltd.  
Tel Aviv 67892  
Tel. +972/3/561 21 71  
Fax +972/3/561 21 73  
mail [agivon@012.net.il](mailto:agivon@012.net.il)



**Japan**  
Solton Co. Ltd.  
Yokohama 222  
Tel. +81/45/471 77 11  
Fax +81/45/471 77 17  
mail [k-kurima@solton.co.jp](mailto:k-kurima@solton.co.jp)



**Norway**  
excl. Test & Measurement  
Murrelektronik A.S.  
N - 3500 Honefoss  
Tel. +47/32 17 90 80  
Fax +47/32 17 90 90  
mail [post@murrelektronik.no](mailto:post@murrelektronik.no)



**Norway**  
only Test & Measurement  
Per Wiik A/S  
N - 1556 Son  
Tel. +47/64/95 70 70  
Fax +47/64/95 80 62  
mail [pwik@perwiik.no](mailto:pwik@perwiik.no)  
[www.perwiik.no](http://www.perwiik.no)



**Peru**  
Centel S.A.C.  
Lima 1 / Peru  
Tel. +51/1/423 62 53; 331 01 85  
Fax +51/1/433 51 18  
mail [centel@amauta.rcp.net.pe](mailto:centel@amauta.rcp.net.pe)



**Poland**  
Semicon  
PL - 04-761 Warszawa  
Tel. +48/22/615 64 31  
Fax +48/22/615 73 75  
mail [info@semicon.com.pl](mailto:info@semicon.com.pl)  
[www.semicon.com.pl](http://www.semicon.com.pl)



**Portugal**  
Nova Zeta 3  
P - 1169-092 Lisboa  
Tel. +351/21/355 39 30  
Fax +351/21/355 39 39  
mail [info@novazeta3.pt](mailto:info@novazeta3.pt)  
[www.novazeta3.pt](http://www.novazeta3.pt)



**Romania**  
Arc Brasov Srl  
RO - 2200 Brasov  
Tel. +402/68/47 25 77 up to 81  
Fax +402/68/41 97 49  
mail [arc@arc.ro](mailto:arc@arc.ro)



**Russia**  
only Test & Measurement  
AG Ecoinvent  
RU - 103062 Moscow  
Tel. +7/95/916 71 13  
Fax +7/95/916 71 11  
mail [sergeyt@education.ecoinvent.ru](mailto:sergeyt@education.ecoinvent.ru)



**Serbia/Montenegro**  
Blazic Elektronik  
YU - 11000 Beograd  
Tel. +381/11/347 22 21; 347 33 36  
Fax +381/11/347 15 98  
mail [blazice@beotel.yu](mailto:blazice@beotel.yu)  
[www.blazicelektronik.co.yu](http://www.blazicelektronik.co.yu)



**Slovenia/Croatia**  
Belmet d.o.o.  
SI - 1000 Ljubljana  
Tel. +386/1/518 88 10  
Fax +386/1/518 88 20  
mail [peter.pristov@belmet.si](mailto:peter.pristov@belmet.si)



**South Africa**  
excl. Connectors for  
Automatic Systems, Test & Measurement  
Mullinos Engineering (Pty) Ltd.  
T/a Contact Engineering  
1461 Bocksburg North RSA  
Tel. +27/11/892 30 13  
Fax +27/11/917 00 61  
mail [mullinos@iafrica.com](mailto:mullinos@iafrica.com)



**South Africa**  
only Connectors for  
Automatic Systems  
Rubicon  
Electrical Distributors  
6061 Port Elizabeth RSA  
Tel. +27/41/451 43 59  
Fax +27/41/451 12 96  
mail [rubicon.e@mwweb.co.za](mailto:rubicon.e@mwweb.co.za)



**South Africa**  
only Test & Measurement  
Connectors for Renewable Energy  
Christensen Tools (Pty) Ltd.  
2094 Jeppestown RSA  
Tel. +27/11/618-3200  
Fax +27/11/614-2821  
mail [info@christensen.co.za](mailto:info@christensen.co.za)



**South Korea**  
Solton Liaison Office  
Sambae Trading Corporation  
Seoul, Korea  
Tel. +82/2/562 9970  
Fax +82/2/554 2868  
mail [maxpow@sambae.com](mailto:maxpow@sambae.com)



**Spain**  
Circuitur S.A.  
E - 08232 Viladecavalls  
Tel. +34/93/745 29 00  
Fax +34/93/745 29 14  
mail [central@circuitur.es](mailto:central@circuitur.es)  
[www.circuitur.com](http://www.circuitur.com)



**Sweden**  
Elproman AB  
S - 14171 Segeltorp  
Tel. +46/8/97 00 70  
Fax +46/8/646 31 48  
mail [mail@elproman.se](mailto:mail@elproman.se)  
[www.elproman.se](http://www.elproman.se)

