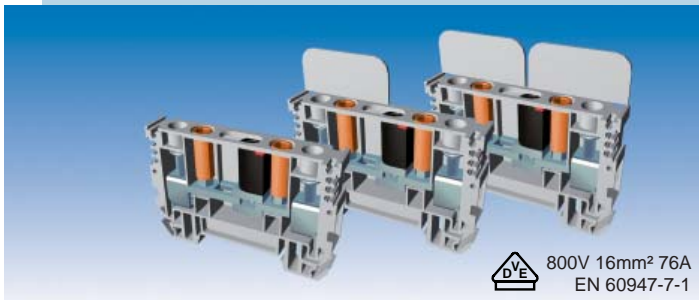
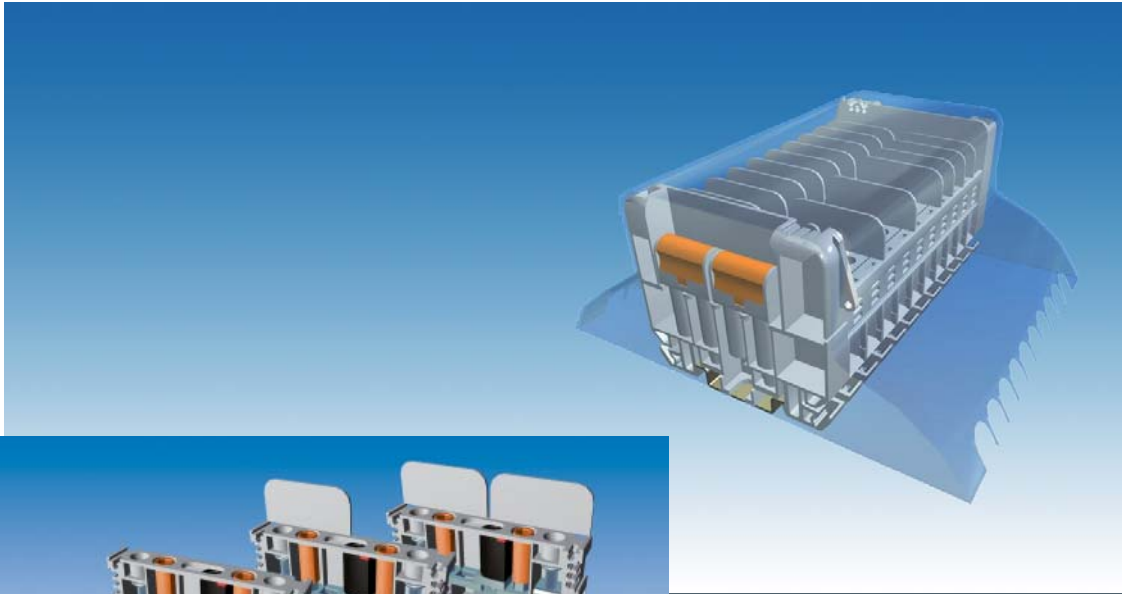


# INDIRECT MEASURING



For protected Testing Plugs as per EN 61010-031



 800V 16mm<sup>2</sup> 76A  
EN 60947-7-1


## 10E 6I-4T-EPI

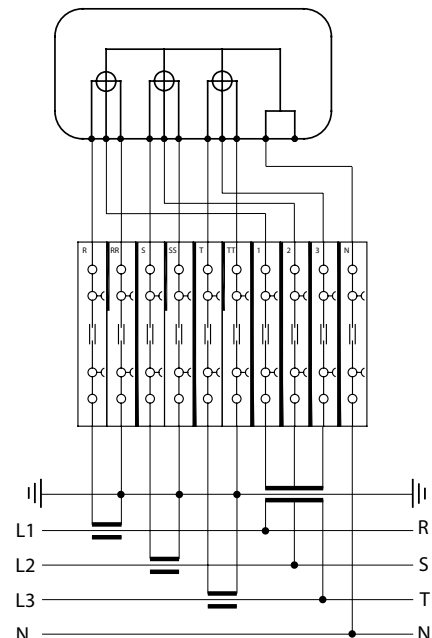
**KWH METER TEST BLOCK**  
with removable (jumper plugs) perpendicular disconnections

### SPECIFICATIONS

RATED VOLTAGES	
<b>Test block unit</b>	<b>600V</b>
Terminal Block	800V
Jumper plugs	600V CAT IV
RATED CONNECTION CAPACITY	
<b>Test block unit fitted with ERB8-C6 cover</b>	<b>1,5...6 mm<sup>2</sup></b>
Maximum clamping capacity of terminal block	16 mm <sup>2</sup>
	2x6 mm <sup>2</sup>
CURRENT RATINGS	
Perpendicular plug connections (T=-5°C..30°C)	<b>32 A</b>
Perpendicular plug connections (T=-5°C..60°C)	14 A
Longitudinal line of Terminal block	76 A

### HAND HELD PLUGGING CONNECTIONS

- Measuring category IV is for measurements made at the origin of low voltage installation.
- Environment testing conditions: relative humidity 80%, sea level elevation 2000 m, pollution degree 2.
- Current limits as per environment temperature:
  - temperature -5 °C ..+30 °C current 32A,
  - temperature -5 °C ..+40 °C current 24A,
  - temperature -5 °C ..+60 °C current 14A,
- Class II  DOUBLE INSULATION fully protected plugs
- Uimp Impulse rated Voltage 8KV.



### ORDERING DATA

Code	Reference	Specifications
549265	END 10E-6I-4T-EPI	Endesa
549206	UF 10E-6I-4T-EPI	Unión Fenosa
549205	ID 10E-6I-4T-EPI	Iberdrola
549207	VSG 10E-6I-4T-EPI	Viesgo
549208	HC 10E-6I-4T-EPI	Hidrocantábrico
549244	REE 10E-6I-4T-EPI	Red Eléctrica de España

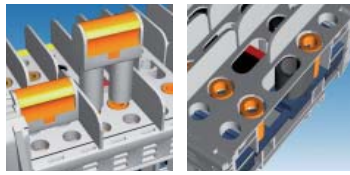
#### Shipment details:

Weight: 516 g      Packaging : 1 Un.      Shipping box: 20 Un.

#### Components

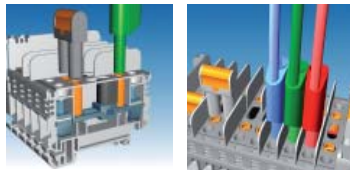
Terminal block RB8 (without partition)	1
Terminal block RB8-R (with right partition)	3
Terminal block RB8-RL (with dual partition)	6
Jumper plug ECD600-2P	3
EN 60715 TH35-7.5 rail (128mm)	1
Multifunction end plate, stopper, panel fixing and seal device	2
Marking strip	1
Sealable and screwless transparent cover IP40 - IK08	1
Self drilling fixing screws	2

## IP 20 Protection granted



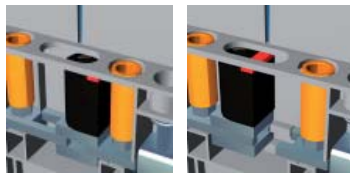
- Access to the plug sockets, to the longitudinal sliding link, to the RB8 terminal block fastening screws, all meet the fingerproof test thereby affording an IP20 protection as per EN 60947-1 standard.

## Fully protected plugs used



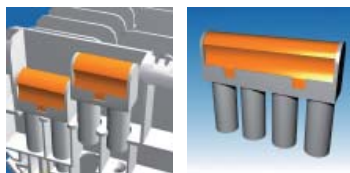
- The sockets of each element are so designed as to take protected plugs fitted with fixed sleeve, as stipulated by the EN 61010-031 standard. They afford the required insulation for the working voltage (higher than 33 V a.c.).
- The 10,5 mm. pitch of the RB8 terminal block also allows for simultaneous insertion of standard Ø 4 mm. plugs.

## Open circuit indication



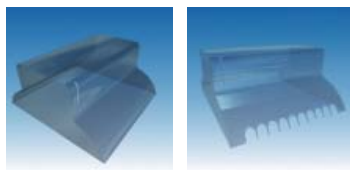
- Longitudinal disconnection provides an easy visual red stripe indication when the sliding link is in the open position.
- Fitted with a rugged screw operated by means of insulated 5 mm. width screwdriver.

## Recess for the jumper plugs



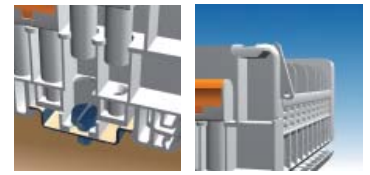
- The removable jumper plugs are housed on both side end brackets and remain always protected by the sealable enveloping cover.
- Each end bracket can house either one 4-pole or two 2-pole plugs.

## Cover options



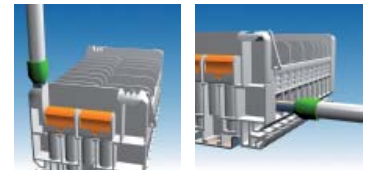
- Enveloping covers for **Unibloc** test block units are made of fire resistant transparent polycarbonate, offering an IP 40 degree of protection and an IK08 impact strength as per EN 50102 standard.
- Optional non-transparent covers can also be supplied. Additionally, both types of covers can have one or both predrilled top/bottom sides providing an easier connection of incoming cables atop the base plate.

## Fastening and sealing



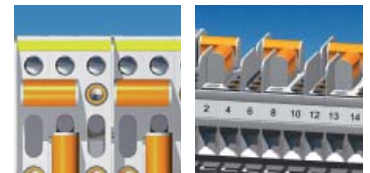
- Fixing of both test block unit to panel and end brackets to Din rail is carried out by the same fastening screw. The sealed enveloping cover offers safe protection and prevents removal of the screw.
- The enveloping cover is fastened and sealed on both end brackets by means of an ergonomic clip latch system. Sealing wire to be used, 1,5 mm. max.

## Connections up to 16 mm<sup>2</sup>



- Whenever transformers lie at some distance and the use of a larger cable section is therefore required, **Unibloc** test block units make the task of using 16 mm<sup>2</sup> stranded wire cable much easier by means of a modeller for cable end terminals built in at both end brackets, which enables to set on the spot such terminals with no extra tools.

## Dual marking system



**Unibloc** test block units use two marking possibilities :

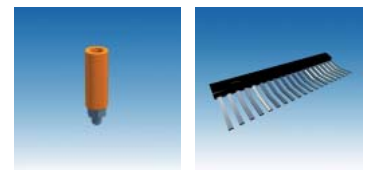
- On the front, showing to the controller the circuit being operated.
- On both top and bottom sides, showing connection points to the panel builder.

## Blank spacer



- This accessory to be used for filling in unused spacing whenever less than 10 or 13 elements are required in both **Unibloc** 10E or 13E test block units.

## Other accessories



- **Unibloc** test block units can be delivered in several different configurations.
- Insulated colour coded plug sockets can be fitted for an easier identification of circuits.
- Jumper comb bars are available when cross-connection + earthing necessary. A special RBT8 earthing terminal block as per EN 60947-7-2 standard is also available.