



**POWER BOXES MANUFACTURERS**

**POWER BOX FACTORY / P-BOX FACTORY S.r.l.**

**Registered office:** Corso Luigi Einaudi 53, 10129 Torino (TO).  
P. IVA 09388060015.

**Company location:** Via Dei Metalmeccanici snc, Z.I. Le Bocchette  
Capezzano Pianore, 55041 Camaiore (LU) – ITALY

[info@powerboxfactory.it](mailto:info@powerboxfactory.it)

## **UE DECLARATION OF CONFORMITY**

**LOW VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES  
IN COMPLIANCE WITH THE STANDARD IEC 61439-1/2 (EN 61439-1/2)**

**Distributed by: DISTRIBUTION ZONE LIMITED, UNIT H1, LAMBS FARM BUSINESS PARK, BASING-STOKE ROAD RG7 1PQ SWALLOWFIELD, READING - GREAT BRITAIN.**

**Manufacturer name / address:** POWER BOX FACTORY S.r.l., Via dei Metalmeccanici snc, Z.I. Le Bocchette  
Capezzano Pianore, 55041 Camaiore (LU) - ITALY.

**The constructor declares, under its own responsibility, that the switchgear assembly**

**Code:** PBF0063PDTL-0006.

**Q.ty:** pcs 6.

**Description switchgear:** PBOX 63amp 3PH+N+PE **400V** TURTLE, p/n DZ-6084.

Incoming: 1 C-Form 63A 5p 6h **400V** IP67 red flanged plug.

Outgoing: 2 x C-Form 32A 5p 6h **400V** IP44 red panel socket / 2 x RCBO C32 4p 6kA I<sub>dn</sub> 0,03A A 4M Din.

Installed accessories: none.

**Technical data:** IEC 61439-1 & 2 / PSC, U<sub>e</sub> 400V 3PH+N+PE, f<sub>n</sub> 50Hz, I<sub>nA</sub> 63A, I<sub>cc</sub> 6.000A, RDF 98/100, IP44, Electrical insulation class I (first), s/n 54608-54609-54610-54611-54612-54613.

**Reference standard:** IEC 61439-1 (EN 61439-1), IEC 61439-2 (EN 61439-2).

**Year of affixing CE marking:** 2025.

Conforms to what is prescribed by the following European Community Directives, as well as to the relative national implementation legislation

**European Electromagnetic Compatibility Directive (EMC) 2014/30/UE, Low Voltage Directive (LVD) 2014/35/EU, RoHS Directive (RHS) 2011/65/EU**

And that the following harmonized Standard has been applied

- IEC 61439-1 (EN 61439-1); Low Voltage switchgear and controlgear assemblies, part 1: general rules.
- IEC 61439-2 (EN 61439-2); Low Voltage switchgear and controlgear assemblies, part 2: Power switchgear and controlgear assemblies.

### **TECHNICAL DATA:**

Type system earthing for wich: TT / TN-S.

Electrical connect. funct. Units: F.

Max. altitude for installation: 2.000m.

Dimensions box: W230 x D230 x H270mm.

Manufacturing year: 09-2025.

Relative umidity: 100% (25°C). U<sub>i</sub>: 690VCA.

Min. / max. temp.: -25°/ +40°C. Color: black.

Form of internal separation: 1. Pollution: 3.

Poids: 6,10kg approx.

Environment: 2.

**Marketed by:** VALENTINI S.r.l., Via Asti 84/a, 10098 Rivoli (TO) - ITALY.

**Legal Representative signature:**

**Reference document delivery:** BAM n.1888.

**Date and place:** Capezzano Pianore, 04.09.2025.

## TEST REPORT - ROUTINE VERIFICATION (TESTING)

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**Reference standard:** IEC 61439-1 (EN 61439-1), IEC 61439-2 (EN 61439-2).

**Year of affixing CE marking:** 2025.

**Routine verification tests carried out in compliance with the Standards IEC 61439-2 (EN 61439-2).**

- degree of protection of the enclosure;
- clearances and creepage distances;
- protection against electric shock and integrity of protective circuits;
- incorporation of switching devices and components;
- terminals for external conductors;
- mechanical operation;
- dielectric property;
- wiring, operational performances and function;

### RESULT

OK  
OK  
OK  
OK  
OK  
OK  
OK  
OK

**Test carried out at:** POWER BOX FACTORY S.r.l., Via Dei Metalmeccanici snc, Z.I. Le Bocchette Capezzano Pianore, 55041 Camaiore (LU) - ITALY.

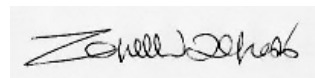
**In the presence of:** Mr. Alfredo Zappelli.

**Having passed the above tests, the switchgears assembly under consideration results in compliance with the standard IEC 61439 (EN 61439-2).**

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**PBOX 63amp 3PH+N+PE 400V TURTLE, p/n DZ-6084**





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#### **SUMMARY TABLE OF INPUT / PROTECTION DEVICES / OUTPUTS**

| <b>IN - A - poles - h - IP</b>  | <b>Q.ty</b> | <b>MCB</b>   | <b>Earth Leakage function</b> | <b>Identification code</b> |
|---------------------------------|-------------|--------------|-------------------------------|----------------------------|
| <b>C-Form 63A 5p 6h IP67</b>    | 1           | not provided | not provided -                | -                          |
| <b>OUT - A - poles - h - IP</b> | <b>Q.ty</b> | <b>MCB</b>   | <b>Earth Leakage function</b> | <b>Identification code</b> |
| <b>C-Form 32A 5p 6h IP44</b>    | 2           | C32 4p 6kA   | Idn 0,03A A C-Form 32A 5p     | <b>OUT 1, OUT 2</b>        |

#### **LIST OF PROTECTIVE DEVICES EQUIPMENT / INSTRUMENTATION CODES**

| <b>Code</b>   | <b>Brand</b> | <b>Q.ty</b> | <b>Product description</b> | <b>Identification code</b> |
|---------------|--------------|-------------|----------------------------|----------------------------|
| 5SU1346-7FP32 | Siemens      | 1           | RCBO C32 4p 6kA 30mA A 4M  | <b>OUT 1</b>               |
| 5SU1346-7FP32 | Siemens      | 1           | RCBO C32 4p 6kA 30mA A 4M  | <b>OUT 2</b>               |



## UKCA DECLARATION OF CONFORMITY

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are compliant with the following UK Legislation:

- **Electrical Equipment (Safety) Regulations 2016 and related amendments**
- **Electromagnetic Compatibility Regulations 2016 and related amendments**
- **Restriction of the Use of Certain Hazardous Substances in Electrical and Electrical Equipment Regulations 2012 and related amendments**

and the following standards:

| Reference number    | Description                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EN 61439-1</b>   | Low Voltage switchgear and controlgear assemblies, part 1: general rules.                                                                 |
| <b>EN 61439-2</b>   | Low Voltage switchgear and controlgear assemblies, part 2: Power switch-gear and controlgear assemblies.                                  |
| <b>EN IEC 63000</b> | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances. |

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