



DECLARATION OF CONFORMITY

LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLY (Assembly)
MADE A RULE OF ART IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

- CEI EN 61439-1 General Rules BT (CEI 17/113); < 1000Vca / < 1500Vdc;
CEI EN 61439-2 Power switchgear and controlgear assemblies (CEI 17/114);
- CEI EN 61439-1 General Rules BT (CEI 17/113); < 1000Vca / < 1500Vdc;
CEI EN 61439-3 Distribution boards (Tension towards Earth <300Vca; In current circuit output <125A and In Nominal Current of the assembly <250A).
- CEI EN 61439-1 General Rules Paintings BT (CEI 17/113); < 1000Vca / < 1500Vdc;
CEI EN 60204 Additional requirements for Paintings Edge Machine;

The low-voltage switchgear and controlgear assembly (Assembly) also complies with the provisions of the following CE Directives and the relevant national legislation transposing: Directive 2006/95 / CE (Low Voltage Directive); EMC Directive 2004/108 / CE (EMC Directive); 93/68 / CEE (Directive for CE marking);

Description-Title : QGXX – GENERAL ASSEMBLY XXXXXXXXXXXXX

Assembly identification: Part Number QG/XXX

Customer-Job: 12345

The customer enterprise, also said main contractor:

<p>Main Contractor (Committente):</p> <p>Street</p> <p>Tel. – Fax</p> <p>email – P.Iva</p> <p>Approved Carpentry and Equipment <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Designer – Engineer (Progettista):</p> <p>Street</p> <p>Tel. – Fax</p> <p>email – P.Iva</p> <p>Drafter Project, Wiring Diagram and construction Specifications <input type="checkbox"/></p>
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Manufacturer / Assembler :

<p>S.E.I.A. S.r.l.</p>	<p>Viale Michelangelo, 61/A – Bibbiena (Arezzo)- Italy Tel/Fax +39 0575.536763 P.I. 01859270512 e-mail: seia.automazioni@libero.it</p>
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**WARNINGS AS TO PROJECT.
PRESENCE IN THE ASSEMBLY OF MOST EXTERNAL POWER SUPPLIES:**

....YES

....NO

IN THE CASE OF MOST EXTERNAL POWER SUPPLIES, SEE THE PROJECT AND THE ELECTRICAL DIAGRAM, BEFORE ANY MAINTENANCE OR SERVICING OF THE ASSEMBLY (FRAMEWORK) ITSELF AND ON THE ENTIRE ELECTRICAL SYSTEM.

We declare, under its own responsibility, and for their skills, which the Assembly (framework) described above was carried out as per the project to the rules of the art and in accordance with the rules above marked, thus complying with the specifications outlined by the Employer and verified together with the final testing¹.

In addition we declare, that you have assembled and wired the equipment selected (or given) by the employer, that he applied and respected the same criteria of choice, even in the selection and procurement of various consumables used and supplied by us, of failing to compromise in any way, during the Assembly or through modifications, performance than used and declared in the same Original Manufacturer Catalogers; everything, always behind the careful choices of the designer himself ¹:

Therefore, such benefits and checks/Tests carried out, Individual enable you to Declare the conformity of the painting in question, subject to the following requirements of the standard:

-Requests for construction.

- Sturdiness and resistance of the materials and parts of the external agents or mechanical shocks (IK);
- Degree of protection (IP) framework;
- Insulation Distances (surface and air);
- Protection against electric shock, against direct and indirect contacts and integrity of protection circuits;
- Installation switching devices and components;
- Internal electrical Circuits and connections;
- Terminals for external conductors;

-Requests for performance.

- Dielectric properties (to withstand voltage 50 Hz);
- Verification of overheating limits;
- Short circuit-Proof;
- Electromagnetic compatibility (EMC);
- Mechanical operation;
- Wiring, operational performance and testing/functionality;
- Lifting and transport;

DATE:

Stamp and signature

TEST CERTIFICATE

LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLY (Assembly)
 ACCORDING TO THE INDIVIDUAL TESTS PRESCRIBED BY RULE:

- CEI EN 61439-1 General Rules BT (CEI 17/113); < 1000Vca / < 1500Vdc;
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 BEFORE ANY MAINTENANCE OR SERVICING OF THE ASSEMBLY (FRAMEWORK) ITSELF
 AND ON THE ENTIRE ELECTRICAL SYSTEM.*

We declare, under its own responsibility, and for their skills, which the Assembly (framework) described above was carried out as per the project to the rules of the art and in accordance with the rules above marked, thus complying with the specifications outlined by the Employer and verified together with the final testing¹.

Here, Technical specifications, Design/Rule Verification, Routine Verification and Test Report carried out according to the above-mentioned Rules.

CONSTRUCTION SPECIFICATIONS OF PROJECT

Size as in the Project and Front Board reported on the Technical Documentation.

- ELECTRICAL DISTRIBUTION SYSTEM TNS TNC IT TT **- PRESENCE OF SWITCHES FED DOWNSTREAM** YES NO

- EXTERNAL SUPPLIES MARKINGS PROVIDED IN THE ASSEMBLY, AS IN THE PROJECT: 1 - ONE 2 - TWO 3 - THREE YES AND REPORTED WITH ADHESIVE PLATE

1 EXTERN. SUPPLY GENERAL SWITCH OF THIS CIRCUIT: ELECTRIC CIRCUIT SUPPLIED EXTERNALLY BY (Incoming Unit):

MONOPHASE **Un** RATED VOLTAGE: 400 V VDC f_n 50Hz f_n Hz

THREE-PHASE WITH NEUTRAL **In** RATED CURRENT: A KA

POSITIVE NEGATIVE **Icc** RATED CONDITIONAL SHORT-CIRCUIT CURRENT : THE SHORT-CIRCUIT PROTECTIVE DEVICE IS:

WITH MAGNETIC SWITCH WITH FUSE INSIDE ASSEMBLY OUTSIDE ASSEMBLY

Ui RATED INSULATION VOLTAGE KV

2 EXTERN. SUPPLY GENERAL SWITCH OF THIS CIRCUIT: ELECTRIC CIRCUIT SUPPLIED EXTERNALLY BY (Incoming Unit):

MONOPHASE **Un** RATED VOLTAGE: V VDC f_n 50Hz f_n Hz

THREE-PHASE WITH NEUTRAL **In** RATED CURRENT: A KA

POSITIVE NEGATIVE **Icc** RATED CONDITIONAL SHORT-CIRCUIT CURRENT : THE SHORT-CIRCUIT PROTECTIVE DEVICE IS:

WITH MAGNETIC SWITCH WITH FUSE INSIDE ASSEMBLY OUTSIDE ASSEMBLY

Ui RATED INSULATION VOLTAGE KV

3 EXTERN. SUPPLY GENERAL SWITCH OF THIS CIRCUIT: ELECTRIC CIRCUIT SUPPLIED EXTERNALLY BY (Incoming Unit):

MONOPHASE **Un** RATED VOLTAGE: V VDC f_n 50Hz f_n Hz

THREE-PHASE WITH NEUTRAL **In** RATED CURRENT: A KA

POSITIVE NEGATIVE **Icc** RATED CONDITIONAL SHORT-CIRCUIT CURRENT : THE SHORT-CIRCUIT PROTECTIVE DEVICE IS:

WITH MAGNETIC SWITCH WITH FUSE INSIDE ASSEMBLY OUTSIDE ASSEMBLY

Ui RATED INSULATION VOLTAGE KV

-PERFORMED CONNECTION ELECTRICAL PANEL OR HOWEVER WIRING BOARD MACHINE: YES NO **- TEST ASSISTED AT:** YES NO

IDENTIFICATION CONDUCTORS. **- ELECTRICAL CABLE** N07V-K N07G9-K

- MAIN CIRCUITS ALTERNATING CURRENT 230/400 Vac PHASES L1/L2/L3-BLACK / NEUTRAL N -LIGHT BLUE/BLUE PE - YELLOW/GREEN

- AUXILIARY CIRCUITS ALTERNATING CURRENT 230Vac PHASES L1/L2/L3-BLACK / NEUTRAL N -LIGHT BLUE/BLUE PE - YELLOW/GREEN

- AUXILIARY CIRCUITS ALTERNATING CURRENT 24 Vac RED PE - YELLOW/GREEN

- AUXILIARY CIRCUITS DC 24 Vdc LIGHT BLUE/BLUE PE - YELLOW/GREEN

- AUXILIARY CIRCUITS OF INTERCONNECTION EXTERNALLY POWERED ORANGE PE - YELLOW/GREEN

- CIRCUITS AMPEROMETRIC BLACK CABLE WITH RING GRAY THERMO-SHRINK / GREY CABLE PE - YELLOW/GREEN

IDENTIFICATION EQUIPMENT: INTERNAL PANEL: Yellow labels 9x15 black writing Thermal transfer (Model Cembre MG-VCT48045) EXTERNAL PANEL: White Labels Plastic-coated With black lettering to thermal transfer

-STRUCTURE ELECTRICAL PANEL METAL INSULATING **-INTERNAL SEGREGATION FORM:**

-BRAND See Technical **- STRUCTURE FOR TRANSPORT** Assembly single casing not divided split into multiple parts (Transport Unit). Assembly divided in more parts or compartment To be joined in the place of destination

- SERVICE CONDITIONS FOR INSTALLATION: Assembly for Indoor installation Assembly for Outdoor installat. **-ACCESSIBILITY** FRONT FRONT And REAR WITH PORT

- EMC (Electromagnetic Compatibility); INSTALLATION ENVIRONMENTS: TYPE "A" TYPE " B " **- DEGREE OF PROTECTION** IP IK

- INPUT CABLES that must be securely fastened On the suitable brackets to support cables FRONT LOW BOTTOM REAR LOW BOTTOM FRONT TOP REAR TOP DEDICATED COMPARTMENT

- PROTECTIONS DIRECT CONTACTS: ENCLOSURE, BARRIERS AND OBSTACLE **- PROTECTIONS DIRECT CONTACTS AFTER THE REMOVAL OF DOORS OR PANELS:** EQUIPMENT AND WIRING

- PROTECTIONS INDIRECT CONTACTS ALL THE CIRCUITS INSIDE THE ELECTRICAL PANEL ARE EQUIPPED WITH AUTOMATIC BREAK IN POWER SUPPLY (The short-circuit protective device is form an integral part of the assembly)

NOT ALL OF THE CIRCUITS INSIDE THE ELECTRICAL PANEL ARE EQUIPPED WITH AUTOMATIC BREAK IN POWER SUPPLY (The short-circuit protective device is a separate unit)