

# MANUFACTURER'S DECLARATION OF CONFORMITY

## DICHIARAZIONE DI CONFORMITA' DEL COSTRUTTORE

Page 1

|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No.                                                                | 65752610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Issuer's name<br><i>Nome del costruttore:</i>                      | GEWISS S.p.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Issuer's address:<br><i>Indirizzo del costruttore:</i>             | Via D. Bosatelli, 1<br>24069 Cenate Sotto (BG) ITALY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Subject of the declaration:<br><i>Oggetto della dichiarazione:</i> | GW68592                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Main ratings:<br><i>Dati principali: Stat</i>                      | <ul style="list-style-type: none"> <li>➤ Rated voltage / Tensione nominale Un = 400 Vac</li> <li>➤ Rated insulation voltage / Tensione nominale di isolamento Ui = 400 Vac</li> <li>➤ Rated operational voltage / Tensione nominale di impiego Ue = 400 Vac</li> <li>➤ Rated impulse withstand voltage / Tensione nominale di tenuta ad impulso Uimp = 4kV</li> <li>➤ Rated current of the assembly / Corrente nominale del quadro InA = 50 A</li> <li>➤ Rated peak withstand current / Corrente nominale ammissibile di picco Ipk = 10 kA</li> <li>➤ Rated conditional short-circuit current / Corrente nominale di cortocircuito Icc = 6 kA</li> <li>➤ SCPD / Dispositivo di protezione contro il cortocircuito /</li> <li>➤ Rated frequency / Frequenza nominale fn = 50 Hz</li> <li>➤ Degree of protection / Grado di protezione IP55</li> <li>➤ Form of the internal separation / Forma della segregazione interna 1</li> <li>➤ Pollution degree / Grado di inquinamento 3</li> <li>➤ EMC disturbances in environments / Ambiente EMC B</li> <li>➤ Conditions of installation / Condizioni di installazione Mobile ACS / ASC mobile</li> <li>➤ Intended for use by / Previsto per l'utilizzo da /</li> <li>➤ External design / Configurazione esterna /</li> <li>➤ Mechanical impact protection / Protezione contro l'impatto meccanico IK 09</li> <li>➤ Dimensions / Dimensioni (Width – Height – Depth / Base – Altezza – Profondità) 746- 821-400 mm</li> <li>➤ Weight / Peso 23 Kg</li> </ul> |

We declare that the products mentioned in subject are designed and manufactured in conformity with the requirements of the following harmonized standards:  
 Dichiariamo che i prodotti citati in oggetto sono progettati e costruiti conformemente ai requisiti delle seguenti norme armonizzate:

| Document No. /<br>Documento N. | Title / Titolo                                                                                                                                                                                                                                                                           | Date of issue /<br>Data di emissione |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| ➤ EN 61439-1                   | Low-voltage switchgear and controlgear assemblies – Part 1: General rules<br>Apparecchiature assiemate di protezione e di manovra per bassa tensione (quadri BT) – Parte 1: Regole generali                                                                                              | 2011                                 |
| ➤ EN 61439-4                   | Low-voltage switchgear and controlgear assemblies - Part 4: Particular requirements for assemblies for construction sites (ACS)<br>Apparecchiature assiemate di protezione e di manovra per bassa tensione (quadri BT) - Parte 4: Prescrizioni particolari per quadri per cantiere (ASC) | 2013                                 |
| ➤ EN IEC 63000                 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.<br>Documentazione tecnica per la valutazione dei prodotti elettrici ed elettronici in relazione alla restrizione delle sostanze pericolose     | 2018                                 |

and therefore meeting the essential requirements of the Directives:

e quindi rispondenti ai requisiti essenziali delle Direttive:

☒ 2014/35/EU

☒ 2014/30/EU

☐ Reg. (EU) n. 305/2011

☐ 2009/125/EC

☐ 2010/30/EU

☐ 2014/53/EU

☐ 2014/34/EU

☐ 2014/32/EU

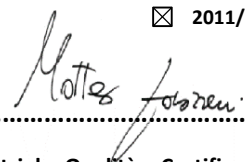
☒ 2011/65/EU + 2015/863

Signed for and on behalf of:

Firmato per conto di:

GEWISS S.p.A.

MATTEO GAVAZZENI.....



Place and Date

Luogo e Data:

Cenate Sotto, 10/11/2021

Direttore Proprietà Industriale, Qualità e Certificazioni Prodotto Corporate

Corporate Industrial Property, Quality and Product Certification Director

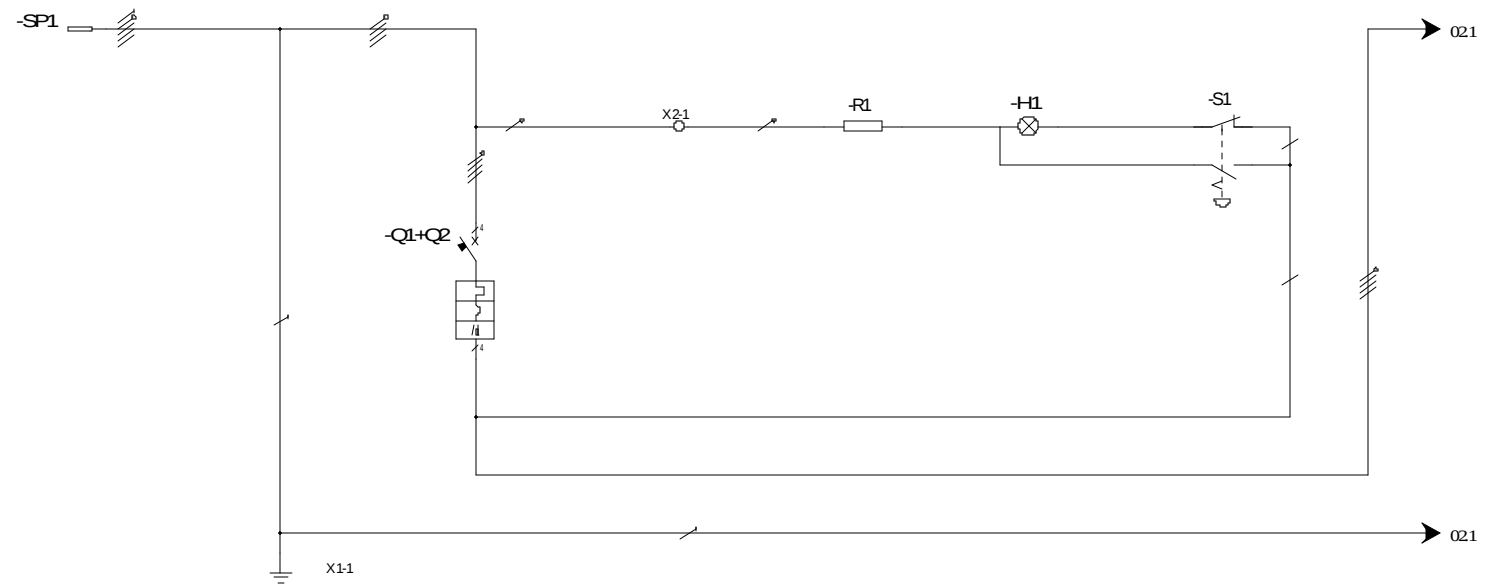
This declaration is exclusively for Gewiss customers use to satisfy their specific requests. The publication and the copy of the contents, even a part, in every form, are prohibited without the prior written authorization of Gewiss. Gewiss reserves the right to introduce, at any time and without notice, all the product changes held to be proper, at his absolute discretion, either to improve the serviceability or the performances of his products, or to answer technologic or productive needs, therefore, the content of the declaration in the future could not coincide with what declared at the time of the declaration.

Doc. 6559854



CARATTERISTICHE  
SPECIFICATION

|               |         |
|---------------|---------|
| Serie/Series: | Q-BOX   |
| Codice/Code:  | GW68592 |
| Un:           | 400 V   |
| Uaux          | 230 V   |
| f:            | 50 Hz   |
| Icc:          | 6 kA    |
| Ip:           | 55      |
| In:           | 50 A    |

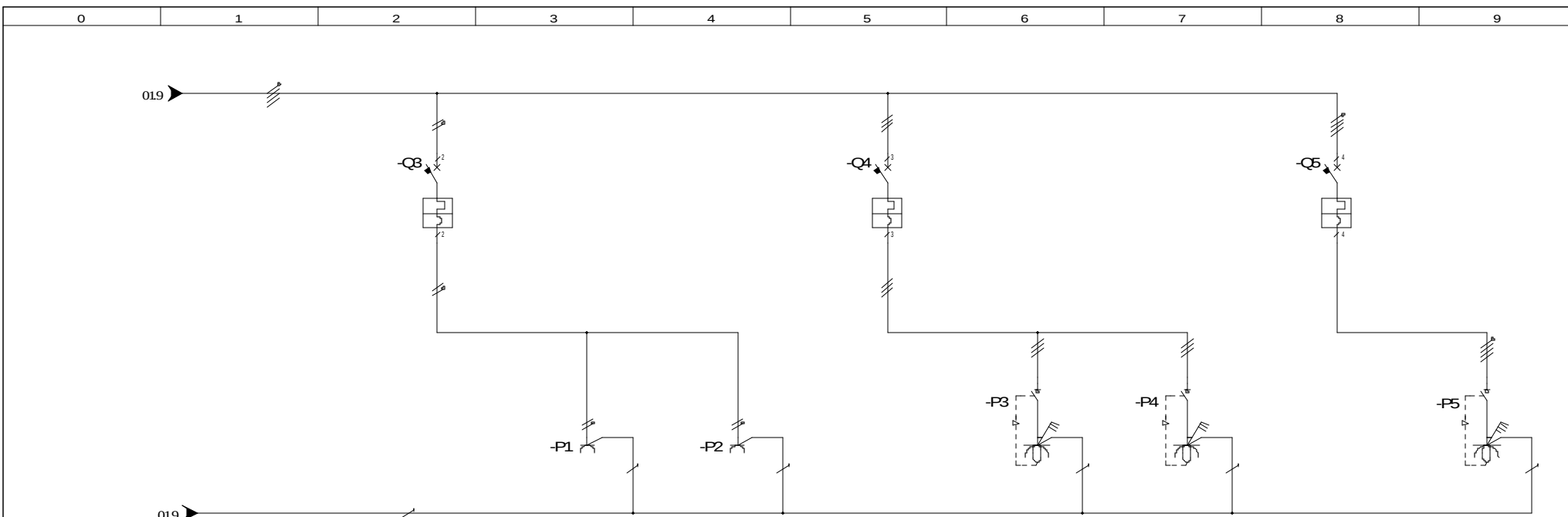


| UTENZA<br>USER                               | DENOMINAZIONE<br>DENOMINATION     |                              | SPINA<br>PLUG       |    | MORSETTIERA DI TERRA<br>PROTECTIVE EARTH | INTERRUTTORE GENERALE<br>MAIN SWITCH | MORSETTO DI APPOGGIO<br>CLAMP   | RESISTENZA<br>RESISTOR |                      | LAMPADA<br>LAMP | PULSANTE EMERGENZA<br>EMERGENCY PUSHBUTTON |  |
|----------------------------------------------|-----------------------------------|------------------------------|---------------------|----|------------------------------------------|--------------------------------------|---------------------------------|------------------------|----------------------|-----------------|--------------------------------------------|--|
|                                              | TIPO / TYPE                       | POT./TOT.POWER Kw            | GW61453             | 63 |                                          |                                      |                                 | 3,3K Ω                 |                      | GW74518         | GW74364                                    |  |
| INTERRUTTORE<br>O SEZIONATORE<br>MAIN SWITCH | POT./POWER In                     | A                            |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | COEF. CONTEMP. COS φ              |                              | 08                  |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | COSTRUTTORE / CONSTRUCTOR         |                              |                     |    | GEWISS                                   |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | TIPO / TYPE                       |                              |                     |    | GW92093+GW94432                          |                                      |                                 |                        |                      |                 |                                            |  |
| FUSIBILE<br>FUSE                             | N. POLI/N. POLES                  | In                           | A                   |    |                                          | 4                                    | 63                              |                        |                      |                 |                                            |  |
|                                              | Icc                               | kA                           | Idh                 | mA |                                          | 6                                    | 30                              |                        |                      |                 |                                            |  |
|                                              | I <sub>m</sub> (o curva/or curve) | A                            | Pd                  | A  |                                          | C                                    |                                 |                        |                      |                 |                                            |  |
|                                              | TIPO / TYPE                       |                              |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
| CONTATTORE<br>CONTACTOR                      | CAUBRO / CALBRE                   | A                            |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | TIPO / TYPE                       |                              |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | In                                | A                            | Pn                  | kW |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | TIPO / TYPE                       |                              |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
| RELE TERMICO<br>THERMAL RELAY                | TARATURA / CALIBRATION            | A                            |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | TIPO CAVO / CABLE TYPES           |                              | 5X16mm <sup>2</sup> |    | 4X25mm <sup>2</sup> +1X4mm <sup>2</sup>  |                                      | (5X25+4X6+2X1.5)mm <sup>2</sup> |                        | 1X1.5mm <sup>2</sup> |                 | 2X1.5mm <sup>2</sup>                       |  |
|                                              | FORMAZIONE / FORMATION            |                              | L1,L2,L3,N,PE       |    | PE                                       |                                      | L1,L2,L3,N                      |                        | N                    |                 | L1                                         |  |
|                                              | LUNGHEZZA / LENGHT                | m                            |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
| LINEA DI<br>POTENZA<br>POWER<br>LINE         | Iz                                | A                            |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | C.d.T. aIn %                      | C.d.T. aIb %                 |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | Zk mΩ                             | Zs Ω                         |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
|                                              | I <sub>k</sub> trifase/monof. kA  | I <sub>k</sub> fase/terra kA |                     |    |                                          |                                      |                                 |                        |                      |                 |                                            |  |
| MORSETTIERA / TERMINAL BOARD                 |                                   |                              |                     |    | 1X65011728 8 FORI/HOLES                  |                                      | 1X66390006                      |                        |                      |                 |                                            |  |



|                                                        |  |                                                           |                    |
|--------------------------------------------------------|--|-----------------------------------------------------------|--------------------|
| CODICE :<br>CODE : GW68592                             |  | PROGETTO : Schema elettrico<br>PROJECT : Electric diagram | FOGLIO 01<br>Di 03 |
| TITOLO/ TITLE: Schema unifilare<br>Single line diagram |  |                                                           | ◀▶02               |
| DIS: Crocca A.                                         |  | DATA/DATE: 20/04/2017                                     |                    |

|      |           |             |                 |
|------|-----------|-------------|-----------------|
| REV. | DATA/DATE | FIRMA/SIGN. | MODIFICA/MODIFY |
|------|-----------|-------------|-----------------|



| UTENZA<br>USE                                | DENOMINAZIONE<br>DENOMINATION |                   | PROTEZIONE PRESE 1-2 |    | PRESA 1              |    | PRESA 2                |    | PROTEZIONE PRESE 3-4 |    | PRESA 3              |    | PRESA 4              |    | PROTEZIONE PRESA 5 |    | PRESA 5                               |    |
|----------------------------------------------|-------------------------------|-------------------|----------------------|----|----------------------|----|------------------------|----|----------------------|----|----------------------|----|----------------------|----|--------------------|----|---------------------------------------|----|
|                                              | OUTLETS 1-2 PROTECTION        |                   | OUTLET 1             |    | OUTLET 2             |    | OUTLETS 3-4 PROTECTION |    | OUTLET 3             |    | OUTLET 4             |    | OUTLET 5 PROTECTION  |    | OUTLET 5           |    |                                       |    |
|                                              | TIPO / TYPE                   | POT./TOT.POWER Kw | In                   | A  | GW62227H             | 16 | GW62227H               | 16 |                      |    | GW66308N             | 16 | GW66308N             | 16 |                    |    | GW66320N                              | 32 |
|                                              | COEF. CONTEMP.                | COS $\phi$        |                      |    | 08                   |    | 08                     |    |                      |    | 08                   |    | 08                   |    |                    |    | 08                                    |    |
| INTERRUTTORE<br>O SEZIONATORE<br>MAIN SWITCH | COSTRUTTORE / CONSTRUCTOR     |                   | GEWISS               |    |                      |    | GEWISS                 |    |                      |    |                      |    | GEWISS               |    |                    |    |                                       |    |
|                                              | TIPO / TYPE                   |                   | GW92047              |    |                      |    | GW90267                |    |                      |    |                      |    | GW92090              |    |                    |    |                                       |    |
|                                              | N. POLI/N. POLES              | In                | A                    | 2  | 16                   |    |                        |    | 3                    | 16 |                      |    |                      |    | 4                  | 32 |                                       |    |
|                                              | Icc                           | kA                | Ich                  | mA | 6                    |    |                        |    | 6                    |    |                      |    |                      |    | 6                  |    |                                       |    |
| FUSIBILE<br>FUSE                             | TIPO / TYPE                   |                   |                      |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
|                                              | CAUBRO / CALIBRE              |                   | A                    |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
| CONTATTORE<br>CONTACTOR                      | TIPO / TYPE                   |                   |                      |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
|                                              | In                            | A                 | Pn                   | kW |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
| RELE' TERMICO<br>THERMAL RELAY               | TIPO / TYPE                   |                   |                      |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
|                                              | TARATURA / CALIBRATION        |                   | A                    |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
| LINEA DI<br>POTENZA<br>POWER<br>LINE         | TIPO CAVO / CABLE TYPES       |                   | 4X2,5mm <sup>2</sup> |    | 3X2,5mm <sup>2</sup> |    | 3X2,5mm <sup>2</sup>   |    | 6X2,5mm <sup>2</sup> |    | 4X2,5mm <sup>2</sup> |    | 4X2,5mm <sup>2</sup> |    | 4X6mm <sup>2</sup> |    | 4X6mm <sup>2</sup> 1X4mm <sup>2</sup> |    |
|                                              | FORMAZIONE / FORMATION        |                   | L1,N                 |    | L1,NPE               |    | L1,NPE                 |    | L1,L2,L3             |    | L1,L2,L3,PE          |    | L1,L2,L3,PE          |    | L1,L2,L3,N         |    | L1,L2,L3,NPE                          |    |
|                                              | LUNGHEZZA / LENGHT            |                   | m                    |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
|                                              | Iz                            |                   | A                    |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
|                                              | C.d.T. aIn %                  |                   | C.d.T. alb %         |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
|                                              | Zk mΩ                         |                   | Zs mΩ                |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
|                                              | Ik trifase/monof. kA          |                   | Ik d. fase/terra kA  |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |
|                                              | MORSETTIERA / TERMINAL BOARD  |                   |                      |    |                      |    |                        |    |                      |    |                      |    |                      |    |                    |    |                                       |    |

|      |           |               |                   |
|------|-----------|---------------|-------------------|
|      |           |               |                   |
|      |           |               |                   |
|      |           |               |                   |
|      |           |               |                   |
| REV. | DATA/DATE | FIRMA / SIGN. | MODIFICA / MODIFY |

**GEWISS**

|                                                        |         |                         |                                      |                    |
|--------------------------------------------------------|---------|-------------------------|--------------------------------------|--------------------|
| CODICE :<br>CODE :                                     | GW68592 | PROGETTO :<br>PROJECT : | Schema elettrico<br>Electric diagram | FOGLIO 02<br>DI 03 |
| TITOLO/ TITLE: Schema unifilare<br>Single line diagram |         |                         |                                      | 01◀▶03             |
| DIS: Crocca A.                                         |         |                         | DATA/DATE: 20/04/2017                |                    |

GEWISS S.p.A si riserva la possibilità di sostituire alcuni dei codici inclusi negli schemi allegati con interruttori aventi caratteristiche tecniche identiche o migliorative.

La tabella seguente riporta l'elenco delle possibili sostituzioni autorizzate.

GEWISS s.p.A ha verificato e certificato il quadro in tutte le configurazioni così realizzate che, pertanto, rientrano nel sistema di quadri GEWISS come definito dalle norme EN 61439-1 e EN 61439-4

| TABELLA CODICI E LORO ALTERNATIVE / TABLE CODES AND ITS ALTERNATIVES |                          |                            |               |                |           |             |             |                   |                       |                |             |  |                   |
|----------------------------------------------------------------------|--------------------------|----------------------------|---------------|----------------|-----------|-------------|-------------|-------------------|-----------------------|----------------|-------------|--|-------------------|
| CODICI/CODES                                                         |                          | CARATTERISTICHE / FEATURES |               |                |           |             |             |                   |                       |                |             |  |                   |
| Codice base<br>Base code                                             | Codice alt.<br>Alt. code | Tipo<br>Type               | Poli<br>Poles | Curva<br>Curve | In<br>(A) | Icc<br>(KA) | Idn<br>(mA) | Moduli<br>Modules | VARIABILI / VARIABLES |                |             |  | Moduli<br>Modules |
|                                                                      |                          |                            |               |                |           |             |             |                   | Tipo<br>Type          | Curva<br>Curve | Icc<br>(KA) |  |                   |
| GW90247                                                              |                          |                            | 2P            | C              | 16        | 6           | /           |                   | MTC<br>MCCB           |                |             |  | 1                 |
|                                                                      | GW92047                  |                            |               |                |           |             |             |                   | MT/MCB                |                |             |  | 2                 |
| GW90250                                                              |                          |                            | 2P            | C              | 32        | 6           | /           |                   | MTC<br>MCCB           |                |             |  | 1                 |
|                                                                      | GW92050                  |                            |               |                |           |             |             |                   | MT/MCB                |                |             |  | 2                 |
| GW90267                                                              |                          |                            | 3P            | C              | 16        | 6           | /           |                   | MTC<br>MCCB           |                |             |  | 2                 |
|                                                                      | GW92067                  |                            |               |                |           |             |             |                   | MT/MCB                |                |             |  | 3                 |
| GW90270                                                              |                          |                            | 3P            | C              | 32        | 6           | /           |                   | MTC<br>MCCB           |                |             |  | 2                 |
|                                                                      | GW92070                  |                            |               |                |           |             |             |                   | MT/MCB                |                |             |  | 3                 |
| GW90287                                                              |                          |                            | 4P            | C              | 16        | 6           | /           |                   | MTC<br>MCCB           |                |             |  | 2                 |
|                                                                      | GW92087                  |                            |               |                |           |             |             |                   | MT/MCB                |                |             |  | 4                 |
| GW90290                                                              |                          |                            | 4P            | C              | 32        | 6           | /           |                   | MTC<br>MCCB           |                |             |  | 2                 |
|                                                                      | GW92090                  |                            |               |                |           |             |             |                   | MT/MCB                |                |             |  | 4                 |
| GW92093                                                              |                          | MT                         | 4P            | C              | 63        |             | /           | 4                 |                       |                | 6           |  |                   |
|                                                                      | GW92693                  | MCB                        |               |                |           |             |             |                   |                       |                | 10          |  |                   |
| GW94027                                                              |                          | MDC                        | 2P            |                | 16        | 4,5         | 30          | 2                 |                       | AC             |             |  |                   |
|                                                                      | GW94227                  | RCBO                       |               |                |           |             |             |                   |                       | A              |             |  |                   |
| GW94127                                                              |                          | MDC                        | 2P            |                | 16        | 6           | 30          | 2                 |                       | AC             |             |  |                   |
|                                                                      | GW94327                  | RCBO                       |               |                |           |             |             |                   |                       | A              |             |  |                   |

Gewiss SpA reserves the right to replace some of the products included in the drawing with devices having the same or improved ratings or technical characteristics. The following table shows the list of possible replacements allowed.

Gewiss SpA has tested and certified the switchboard conforming to all the configurations in such a way manufactured, therefore, they are included in GEWISS assembly system as defined in the standards EN 61439-1 and EN 61439-4

|      |           |             |                 |                                                                                      |                               |                             |           |
|------|-----------|-------------|-----------------|--------------------------------------------------------------------------------------|-------------------------------|-----------------------------|-----------|
|      |           |             |                 |  | CODICE: GW68592               | PROGETTO : Schema elettrico | FOGLIO 03 |
|      |           |             |                 |                                                                                      | CODE:                         | PROJECT : Electric diagram  | DI 03     |
|      |           |             |                 |                                                                                      | TITOLO/ TITLE: Tabella codici |                             |           |
|      |           |             |                 |                                                                                      | Codes table                   |                             |           |
| REV. | DATA/DATE | FIRMA/SIGN. | MODIFICA/MODIFY |                                                                                      | DIS: Crocca A.                | DATA/DATE: 20/04/2017       | 02        |