



EXPLOSION PROTECTED PRODUCTS

For applications in hazardous environments ATEX-IECEx-EAC Ex



The SCAME GROUP was founded in 1963 when the parent company Scame Parre S.p.A. was first established. Today it consists of 20 subsidiaries and associated companies in Italy and around the world.

SCAME produces over 15,000 articles that cover a wide range of **systems and components for electrical installations** aimed to solve all types of problems involving the use of electrical energy in the domestic, service and industrial sectors, as well as in environments at risk of exposure due to the presence of gas or dust. Cutting-edge production processes with automatic robotized assembly and great care to quality control guarantee the reliability and high tech level of the products. Company values:

- **CUSTOMER CARE** achieved by constant research into innovative products and solutions for every applicable need.
- **CARE OF QUALITY AND PRODUCT SAFETY.** In 1993 Scame was among the first companies in Italy to be awarded with certification for quality systems in conformity of UNI EN ISO 9001.
- **CARE OF THE ENVIRONMENT** through constant attention to environmental issues, nonstop research in eco-friendly materials, and increasingly efficient production processes.

In 2003 Scame obtained certification for the environment in conformity with UNI EN ISO 14001 and by taking measures towards improvement, carrying out constant checks and taking the correct course of action, a virtuous circle of improved ecocompatibility has been put into motion.

A commitment and dedication towards the environment also demonstrated through the development of products and systems used to charge electric vehicles, a field in which SCAME was a pioneer and today is a market leader.

- **CARE OF HUMAN RESOURCES** considered to be a primary asset of the company with professional development and growth in a working environment that is safe and friendly, and which was certified BS HOSAS 18001 in 2013.

SCAME has set up its own design and estimate department, in order to quickly conduct feasibility studies at the customer's request.

It also features equipment and qualified personnel for the construction, mounting and assembling of Ex products in a department specifically structured according to the most stringent Lean Production criteria, so as to be able to offer the highest quality level in applications where quality and safety are unavoidable requirements.

Contact us for any additional information.





Ex Products



■ GAS AND DUST [2GD]

| Description | | ZENITH-P | ADVANCE-GRP[GD] |
|---------------------|---------------------|-----------------------|-----------------------|
| ELECTRICAL FEATURES | Rated current Max. | - | 16/32A - 63A - 125A |
| | Rated voltage Max. | 690V | 690V |
| | Category | - | AC22A-AC23A-AC3A |
| Ex FEATURES | Certification | ATEX - IECEx - EAC Ex | ATEX - IECEx - EAC Ex |
| | Notified Body | IMQ | INERIS |
| | Group and category | II 2GD | II 2GD |
| | Zone | Gb - Db [Zone 1-21] | Gb - Db [Zone 1-21] |
| PROTECTION TYPE | Gas | Ex db eb Gb | Ex db eb Gb |
| | Dust | Ex tb IIIC Db | Ex tb IIIC Db |
| MECHANICAL FEATURES | Material | GRP + Carbon Black | GRP + Carbon Black |
| | IP degree | IP66 | IP66 |
| | IK degree | 7J | 7J |
| | Ambient temperature | -60°C ≤ Ta ≤ +75°C | -50°C ≤ Ta ≤ +60°C |

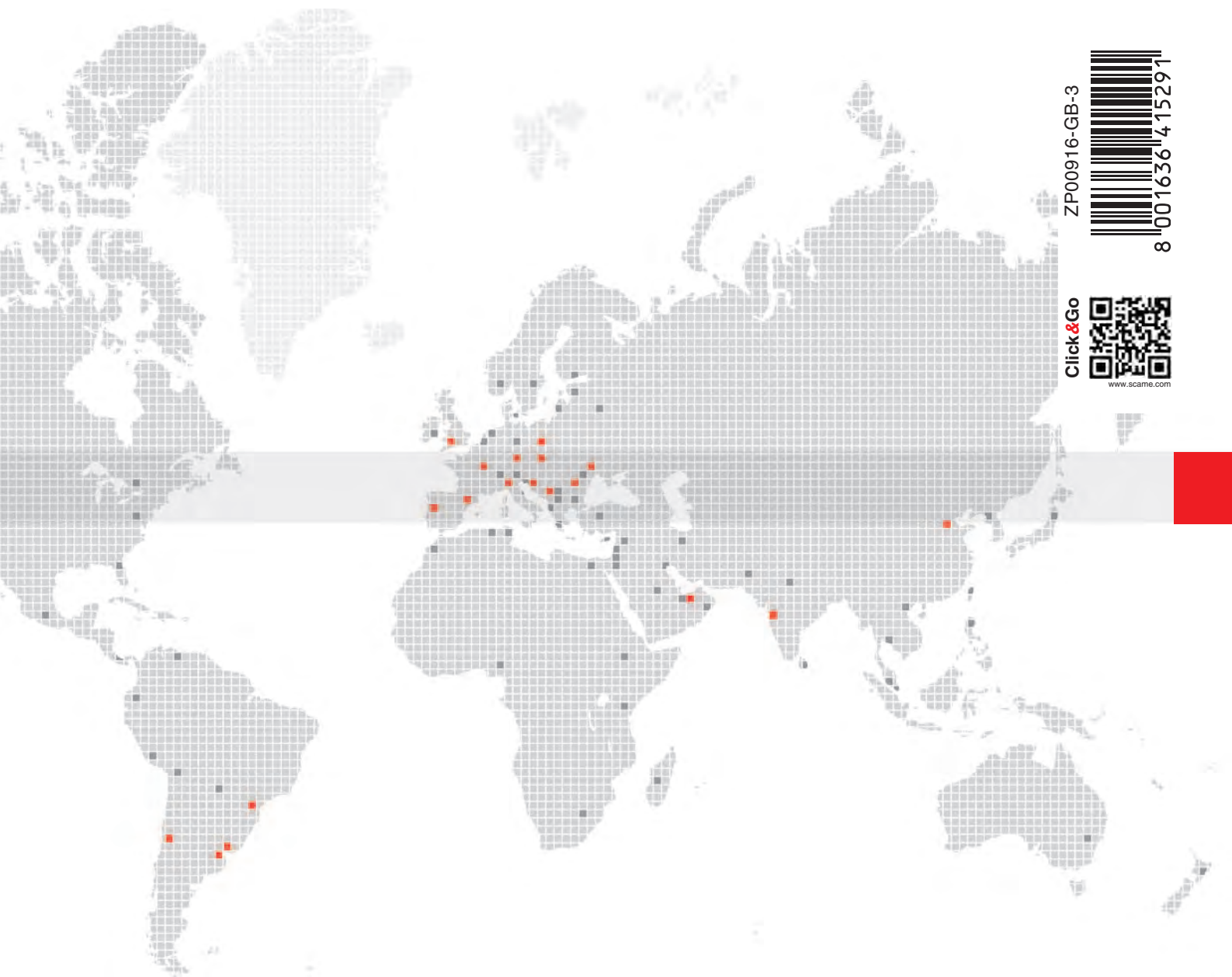


| OPTIMA-EX[GD] | ISOLATORS-EX[GD] | UNION-EX |
|-----------------------|---|---|
| 16/32A - 63A - 125A | 20A - 25A - 32A - 40A - 63A | N.A. |
| 690V | 690V | N.A. |
| N.A. | AC22A -AC23A - AC3A | N.A. |
| ATEX - IECEx - EAC Ex | ATEX - IECEx - EAC Ex | ATEX - IECEx - EAC Ex |
| INERIS | INERIS | INERIS |
| II 2GD | II 2GD | I/ II 2GD |
| Gb - Db [Zone 1-21] | Gb - Db [Zone 1-21] | Gb - Db [Zone 1-21] |
| Ex db eb Gb | Ex db eb Gb | Ex db eb |
| Ex tb IIIC Db | Ex tb IIIC Db | Ex tb IIIC Db |
| PA6 [Dissipative] | GRP Alluminium- Stainless Steel 316L | Polyamide Nickel Plated Brass - AISI316L |
| IP66 | IP66 | IP66/68 |
| 7J | 7J | 7J |
| -50°C ≤ Ta ≤ +60°C | -50°C ≤ Ta ≤ +60°C | -70°C ≤ Ta ≤ +220°C |



■ DUST [2D]

| ADVANCE-GRP[EX] | OPTIMA-EX | ISOLATORS-EX |
|--------------------|--------------------|--|
| 16/32A - 63A | 16/32A - 63A | 20A - 32A - 40A - 63A |
| 690V | 690V | 690V |
| AC22A | N.A. | AC23A - AC3A |
| ATEX | ATEX | ATEX |
| IMQ | IMQ | TÜV |
| II 2D | II 2D | II 2D |
| Db [Zone 21] | Db [Zone 21] | Db [Zone 21] |
| N.A. | N.A. | N.A. |
| Ex tb IIIC Db | Ex tb IIIC Db | Ex tb IIIC Db |
| GRP | PA6 | Thermoplastic [40A] Aluminium [63A] |
| IP66 | IP66 | IP65 - IP66 |
| 7J | 7J | 7J |
| -25°C ≤ Ta ≤ +60°C | -25°C ≤ Ta ≤ +60°C | -25°C ≤ Ta ≤ +60°C |



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