

SPECIFIC VALUES

► **THE HISTORY**

Since 1919 BACO has specialized in the development, manufacture and sale of low voltage control devices and switchgear. It has put itself into a strong position in international control and signalling markets during all these years. Our products are renowned throughout the world for their quality and reliability.

► **THE BACO COMMITMENT**

As a key player on the market for control and signalling devices, cam switches and switch disconnectors, BACO is recognized for its professional expertise and compliance with safety standards. BACO is committed not only to provide technical solutions that offer a perfect match for customers' requirements, but also to offer dedicated sales support and assistance. Users of electrical switches and control devices have come to trust BACO for reliable and durable components.



► **THE BACO 10-YEAR GUARANTEE**

Baco is committed to a demanding quality charter. That is the reason why BACO products have a 10-year guarantee since September 1st, 2005. You know now you're getting the very best deal on quality switches with a committed brand by your side.

► **THE BACO QUALITY**

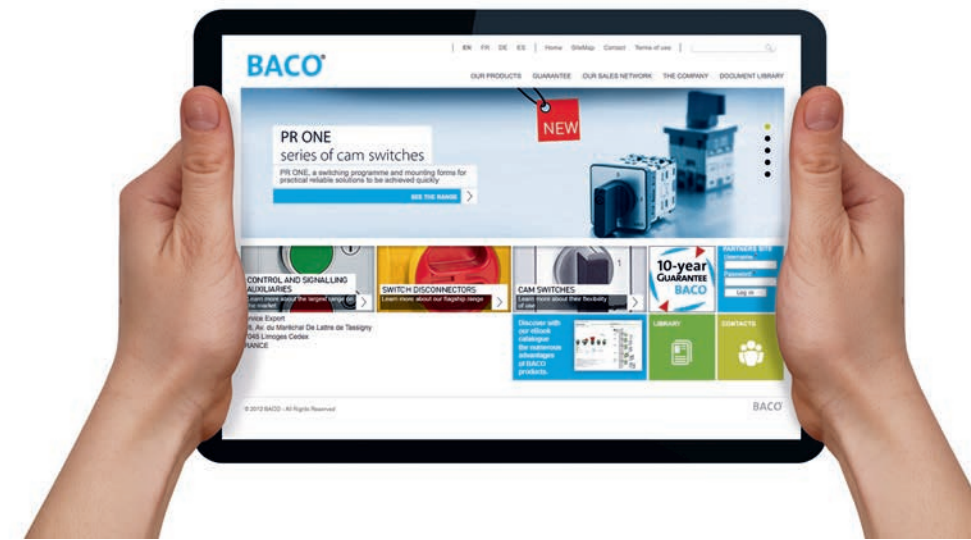
Quality and reliability are built into every device to ensure total performance satisfaction, even in the most demanding applications.

Our dedication to quality is entire. Internal processes and procedures for first article to final inspection and product testing not to mention supplier quality to ensure that BACO products meet all quality assurance requirements and fulfill major international standards such as IEC, UL, EN, etc.

► **CERTIFICATIONS: ISO 9001 / 14001 CERTIFIED**



With over 90 years experience in production and the distribution of industrial switchgears, designed for the operation under demanding conditions and well known for their high reliability, BACO with highly skilled personnel and Quality management ISO 9001 is positioned to fulfill all of the industry's ongoing requirements operating worldwide through its distribution network.



Please refer to www.baco-international.com to find your local distributor



BA215002



► **PILOT DEVICES & SWITCHES**

CONTROL & SIGNALLING DEVICES

BACO facilitates the daily work offering ingenious and easy to implement solutions



▶ OUTSTANDING FEATURES & BENEFITS

BACO push-buttons present optimized **ergonomic design** offering an attractive chrome or black bezel that will enhance appeal to your 22mm pushbutton applications. BACO facilitates the daily work offering ingenious and easy to implement solutions.

- **Snap on feature** reduces installation time and the same contact blocks fit both 22mm and 30mm pilot devices without any adapter.
- Illuminated devices feature **LED light units** are rated to **100,000 hours**.
- Most components carry an **IP66** rating and some can be upgraded to an **IP67** for wash down environments.
- **UL/NEMA** standard Type 1, 2, 3, 3R, 3S, 4, 4X, 12, and 13 for heads and control stations.
- Contact blocks come with **four types of connection**: screw terminals, plug-in terminals, Faston terminals, and pin style terminals for PCB.
- **Metal latch** on clips secures every assembly between head and contact blocks especially when safety is required.
- **Auto-grip ring** on all heads allows single hand mounting.
- More than **five million** mechanical operations on spring return push-buttons and 0.5 million on maintained pushbuttons
- Conforms to the highest quality and safety standards. **Very robust**, BACO push-buttons offer protection against mechanical strain (DIN EN 50102): **IK05**.

▶ TOP-CLASS PRODUCTS

BACO offers a large variety AC rated push-buttons (22 or 30 mm), pilot lights, selector switches and enclosures for a wide range of standard industrial or commercial applications.

- Their excellent modularity enables a large number of combinations with a minimum number of items. You have a choice between an extensive modular-based of customized products and solutions to meet the most specific requirements for control, monitoring and safety.
- Each operator type provides options for ordering as complete or component parts allowing for a perfect fit for each application.

▶ IDEAL SUPPORT TO OEMs THROUGHOUT BACO SELLING NETWORK

- Customizable operators and control stations lead to specific solutions for a variety of industries. That includes control systems, vehicles, elevators, ventilation and air-conditioning, machines and panel constructions and countless other fields of application.
- Baco products have been developed and optimized in tight cooperation with the user community. We provide ideal solutions and support to OEM customers.

CAM SWITCHES

BACO offer electrical customized solutions which are formulas for success for our customers



▶ A REFERENCE ON THE MARKET

With over 50 years of industry expertise, know-how, experience and personal commitment, BACO offer electrical **customized solutions** which are formulas for success for our customers. With specific models for all current ratings they offer an ideal solution for a wide variety of applications.

- The BACO range of rotary cam switches covers all your needs from **10 to 250 A** with more than **50 000 different electrical diagrams** available, many specific functions and special markings. Baco can provide individual solutions for special requirements of customers' projects.

▶ LARGE RANGE - MAXIMUM FLEXIBILITY

- Diverse solutions between **10 A and 250 A**.
- Reliable and **safe contact** construction.
- BACO products are available for panel mount or enclosed.
- More than **50,000 different electrical diagrams** available.
- Numerous specific functions and **special engravings** to create customized solutions.
- **Robust design** with a metal shaft capable of withstanding more than 1 million operations.
- Choice of diagrams from 1 to 24 contacts and **up to 48 contacts**.
- The enclosures are IP40/55/65 and **IK07** rated.
- Conform to European and **international standards**: IEC, UL and ULC.

▶ LONGEVITY - MAXIMUM RELIABILITY

For decades, millions of BACO switches have been sold around the world.

- **The PR12, PR17, PR 21 and PR 26-Series** with fingerproof terminals from 10 A to 32 A Ith Ic(A) are ideally suited for many standard applications where industrial controls, instrumentation and electric motors are involved.
- **The PR40 and PR63-Series** with fingerproof terminals at 63 A Ith Ic(A).
- **The PR125 and PR 160-Series** from 200 A to 250A Ith Ic(A).

SWITCH DISCONNECTORS

BACO switch disconnectors can be used in an infinite number of combinations for personalized use



▶ GREAT FLEXIBILITY IN USE

The main advantages of BACO switch disconnectors are their **flexibility and compactness**. They can be used in an infinite number of combinations for personalized use.

- All terminal blocks are **reversible** and may be used universally for front or enclosed mounting.
- This highly **modular system** allows flexibility in switch construction and saves valuable time during installation not to mention the **stock optimization** of our customers.
- Starting from 3 Pole basic devices, you can add a wide choice of associated contact blocks.

▶ UNIQUE DESIGN

- **Reversible terminal bars** enable either front or rear mounting with the same 3 Pole main block.
- **Highest breaking capacity**
Contacts have a very wide opening amplitude and connection terminals are liberally sized.
- **Strong durable plastic material**
All BACO switch disconnectors satisfy IEC 60947-3 and EN 60947-3 international conformity standards and have UL and ULC approvals.

▶ IN ENCLOSURE

- Degree of protection: IP 40 up to IP 66.
- 25A to 100A size switches.
- Cable entries with pre-formed knockouts.
- Threaded M25 conduit entries for 25A to 32A.
- Tamper-proof cover with padlockable handle.

▶ WITH CLUTCH DRIVE

- With or without door interlock system.
- Short or long metal shaft available.
- Metal cuttable shafts.

