

Modular Energy Distribution Panel System for Hazardous Areas



Power Distribution for Hazardous Areas: Safe, Flexible, and Built for Your Project

Less complexity. Greater reliability. One partner.

Reliable power distribution is essential in hazardous environments where flammable gases, vapours, or mists may be present. BARTEC Distribution Panel Systems are designed to provide certified, reliable, and flexible power distribution for demanding industrial applications.

Designed to Protect What Matters

Developed for use in hazardous areas, the system combines certified explosion protection with reliable performance. With global certifications and features that support safe operation and inspection, it helps protect people, equipment, and facilities in safety-critical environments.

Reducing Project Complexity

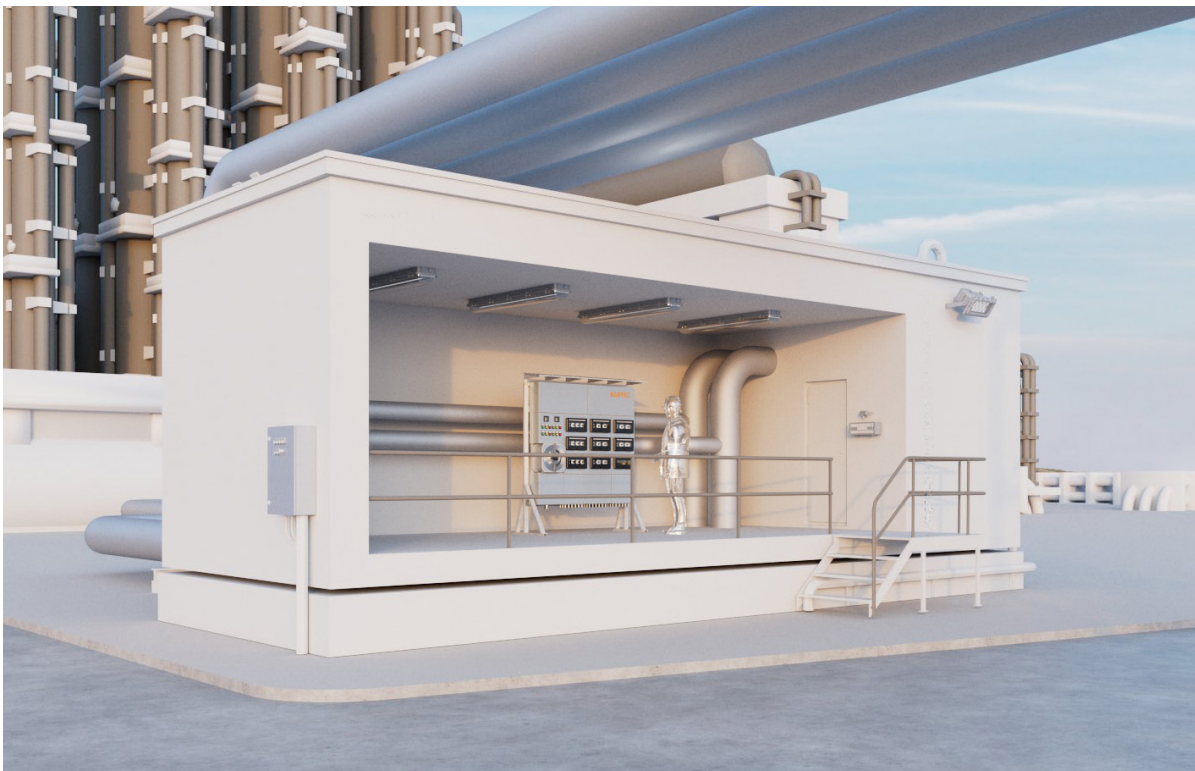
BARTEC offers a single-source approach that combines engineering expertise, manufacturing capabilities, and technical support. Our BARTEC solution helps simplify project execution, streamline coordination, and ensure compliance with international standards.

Built to Fit Your Project

Thanks to its modular architecture, the distribution panel system can be tailored to a wide range of project requirements. Multiple enclosure options, scalable configurations, and support for applications such as lighting and electric heat tracing provide the flexibility needed throughout the project lifecycle.

Supporting Lower Lifecycle Costs

The BARTEC distribution panel solution is designed to support efficient installation, easy maintenance, and long-term reliability. Its compact footprint, modular design, and reduced engineering effort help minimize downtime and contribute to a lower total cost of ownership over the lifetime of the installation.



Fit Your Project

BARTEC Energy Distribution Panel Systems are used in industries where certified power distribution and operational reliability are critical.

Typical application areas

- Oil & gas installations
- Chemical petrochemical and pharma plants
- Power generation and distribution
- Manufacturing and processing facilities
- Hydrogen applications
- Environments with flammable gas, vapour, mist

Why choose BARTEC

- Certified solutions for hazardous areas
- Proven expertise in explosion protection
- Modular platform enabling flexible configurations
- Robust design for harsh industrial environments



Reduce Project Complexity

BARTEC as your reliable one-stop-shop supplier

Thanks to our extensive in-house product portfolio, we are positioned to offer our customers a comprehensive branded distribution board solution that incorporates components from our range. This capability enables us to ensure prompt delivery,

provide fully customized solutions, fast component replacement if needed, and maintain competitive pricing, all while upholding our established standards of reliability and efficiency.

BARTEC standard Ex-certified components for your distribution panel

Thanks to our flexible system certification for distribution panels it is also possible to integrate additional suitable components from third-party suppliers upon request.



Operating and indicator devices
Actuators Type 07-3400-*;
Modules Type 07-332*



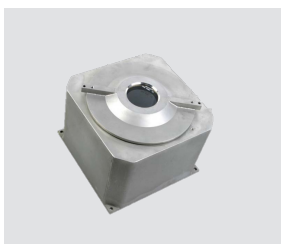
Amper/ Voltmeter
Type AMDE#



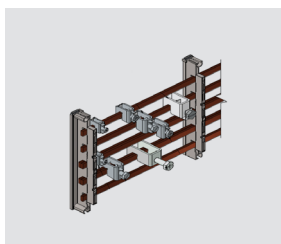
Enclosure window
Type 07-39F1*



Main switch Type 07-39E1-*



Ex d aluminium and stainless steel enclosures



Busbar
Type 07-39G1-*



Enclosure Flap
Type 07-39D1-*



Ex e stainless steel enclosures



Ex e GRP enclosures



Cable glands
Type PAP



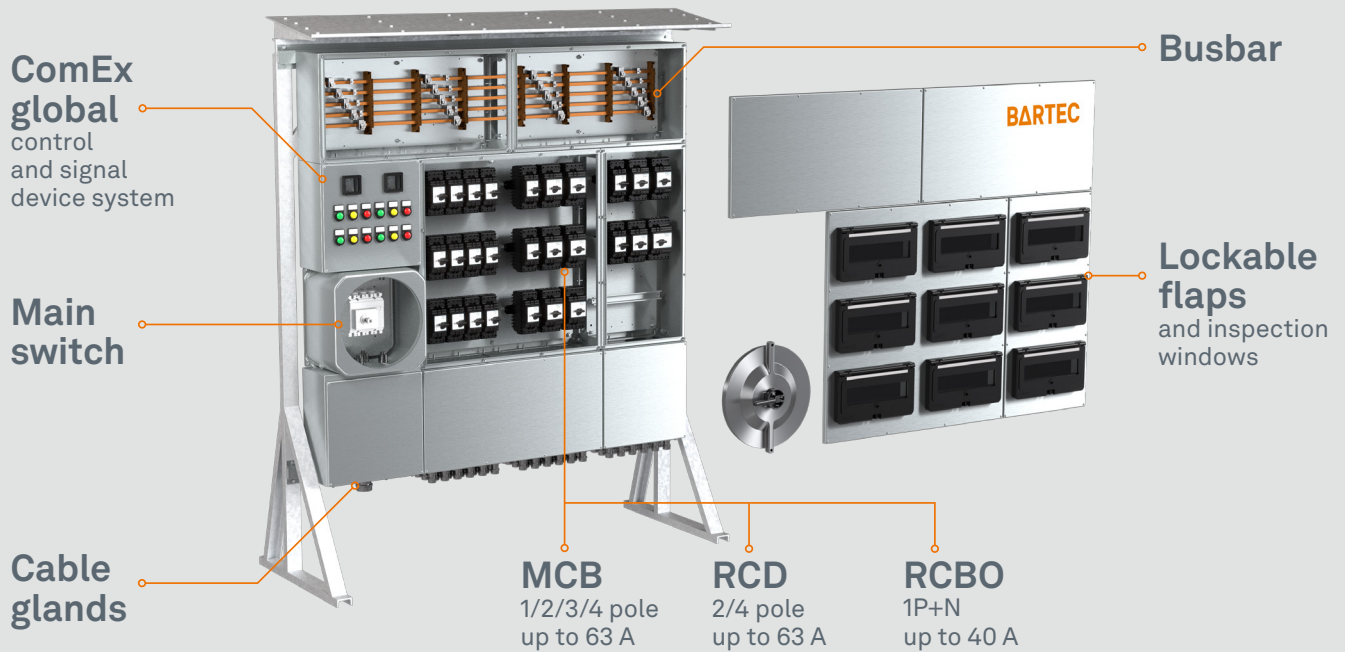
Radiators
HCS, HCM, HCL



MCB Type 07-39A1-*,
RCD Type 07-39B1-*,
and RCBO 07-39C1-*

Technical features

BARTEC Energy Distribution Panel



Technical features*

Degree of protection	IP66 (EN/IEC 60529)	Voltage	up to 690 V
Type of protection	Ex d, Ex e, Ex t	Current	up to 1000 A
Suitable for zone	1/21, 2/22	Ambient temperature	-20 °C to +55 °C with additional heater -40 °C to +55 °C
Material	glass-fibre reinforced polyester, Stainless steel	Available certifications	ATEX, IECEx, ECASEx, CCC, INMETRO, PESQ, EAC
Mechanical strength	according to EN 60079-0, impact energy 7 Joule	Mounting	– Free standing skid – Wall mounted
Accessories	– Rack system – Rain canopy/sunroof – Cable support rail – Crane eyes	Surface finishing	– VDI3400 24 Cover – Stainless steel brush surface – acid pickled – painted in different colours acc. customer specification

* For the technical details of the single component, please see the relative datasheet.

Key Differentiators BARTEC Energy Distribution Panel



Compliance with ATEX, IECEx international requirements



Reduced total cost of ownership



Suitable for installation in Zones 1/21, 2/22



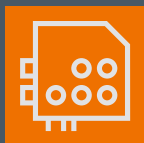
Option for auxiliary- or/ and signal contacts for MCB/ RCD/ RCBO and disconnect switch



Scalable design and expansion capability



Lockable enclosure flap with wide cover capacity for 4x2 pole, 3x3 pole or 3x4 pole breaker incl. aus/ sig. contact and latching mechanism in open position.



Robust and reliable design



Fully customized, modular solution designed for performance, efficiency, and reliability.



Easy installation and maintenance



Comprehensive after sales service and service agreements

Global presence

With more than **30 sales offices** and **over 30 specialist representatives** worldwide, BARTEC ensures that customers always have a dedicated local partner – available for personal support, wherever and whenever needed.



Find your BARTEC
contact person

www.bartec.com/general-contact/

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