



Power Control Rooms

SUPERIOR PRODUCTS. PREMIUM EXPERIENCE.



HISTORY

For nearly a century, Becker Global-America has been at the forefront of industry safety. We are a family-owned company specializing in power distribution for the electrical industry. We sell our products to the world's leading companies. Becker Global-America is the only worldwide supplier of complete energy, automation, communication and transportation infrastructure for the power and electrical industry.

DESIGN

Becker buildings are designed and built to withstand the most challenging environments, providing maximum protection against the elements, eliminating potential corrosion problems. The wall, roof and ceiling panels are interlocked to maximize structural strength and to minimize enclosure weight. Exterior panels are constructed of galvanized steel and sealed with an electrostatic powdercoat finish to provide the most corrosion resistant product on the market. Our products have been field-proven in thousands of installations worldwide.

QUALITY

Your custom-engineered BPCR is assembled under factory-controlled quality control procedures. Becker standards are uncompromising. Extensive factory testing in accordance with the latest standards of IEEE and NEMA ensures that your BPCR will meet or exceed all applicable codes. Skilled craftsmanship and advanced production techniques provide many years of reliable, trouble-free service. Becker's BPCR's are constructed to the requirements of the National Electric Code as Commercial and Industrial buildings (Category QRNZ) per customers' request.

- **Customized to your needs**
- **Fully tested prior to shipment**
- **Withstand the most challenging environments**
- **Any size, any place, any time**
- **End-to-end responsibility**
- **Built on our site...shipped to your site**

Safety. Unmatched.



Becker Power Control Rooms (BPCR) vs. Jobsite Erected Structure

ENGINEERING AND DESIGN	
Becker Power Control Rooms (BCPR)	Jobsite Erected Structure
Becker coordinates the interfaces and interconnection of all systems.	Customer must engineer and manage the coordination issues, resolving any conflicts.
BPCR is purchased from one source, tested and complete with all electrical, instrumentation, and control systems.	Jobsite erected structures require numerous specification and numerous vendors. The result is increased cost and longer project time.
BPCR is factory fabricated and tested. A single drawing package documents the assembly in a common format.	The end user or a third party engineering firm is required to develop interconnection drawings to include various equipment from a variety of manufacturers.
BPCR is completely tested prior to shipment by inspection personnel that are completely familiar with construction techniques.	Jobsite erected structures must be tested by personnel that are unfamiliar with at least some of the equipment included in the system.
CONSTRUCTION	
Becker Power Control Rooms (BCPR)	Jobsite Erected Structure
BPCR requires a minimum foundation typically piers or curbs.	Jobsite erected structures require costly concrete slabs usually with large bell-bottoms and footings.
BPCR uses either metal base as a ground or a separate copper ground system depending on customer requirements. All equipment is grounded prior to shipment.	Grounding systems in jobsite erected structures must be pre-planned and built into the concrete foundation.
BPCR is easily adapted to overhead or underground conduit systems. Cable tray arrangements are available for side or bottom entry.	Jobsite erected structures with a concrete slab foundation require careful planning with regard to conduit location and entry.
BPCR is supplied from a single source under highly efficient factory conditions.	Jobsite erected structures may require many different crafts. Each trade necessitates a foreman and various helpers.
ELECTRICAL INTERCONNECTION	
Becker Power Control Rooms (BCPR)	Jobsite Erected Structure
BPCR arrives with all equipment interconnected and tested. Even interconnect wiring across shipping splits is easily reconnected.	Jobsite erected structures require the customers to coordinate all internal interconnection.
RECEIVING, HANDLING AND STORAGE	
Becker Power Control Rooms (BCPR)	Jobsite Erected Structure
BPCR arrives at the jobsite on a predetermined schedule. Each BPCR shipping section is designed for a single point lift.	Jobsite erected structures receive numerous shipments made at different times and from different suppliers.
SCHEDULING	
Becker Power Control Rooms (BCPR)	Jobsite Erected Structure
BPCR and equipment arrive together and fully functional.	Jobsite erected structures must be finalized after equipment arrival at the jobsite to facilitate the moving of equipment into place.
BPCR includes project coordination of all related equipment, which may include customer furnished equipment.	Jobsite erected structures require customer to coordinate all equipment from suppliers and interpret multiple drawing package formats.
BPCR arrives on schedule, with one set of related drawings, completely tested and with a single point warranty.	Jobsite erected structures require many additional hours during start-up resolving last minute details.
FINANCIAL	
Becker Power Control Rooms (BCPR)	Jobsite Erected Structure
BPCR carries the same tax designation as weatherproof or shelter-form equipment.	Jobsite erected structures carry the same tax designation as any other real estate improvement.

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