Value Add Services
Streamline your process
About our value-added services

Let Phoenix Contact’s Value Add Services help you reduce your assembly time and wiring errors.

We offer DIN rail cut to your specified lengths and hole placements, as well as fully customized DIN rail assemblies. Let us build your designed junction boxes, backplates, and cable harnesses, or assist you in kitting multiple Phoenix Contact components under one part number.
Our integrated management system registrations include:

- ✔ Quality  ISO 9001:2000
- ✔ Environmental  ISO 14001:2004
- ✔ Safety  BSI OHSAS 18001:2007

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**FastLane**

Phoenix Contact has implemented a FastLane (FL) approach to meet customer expectations for projects requiring rail assemblies in a short period of time. Our FL process allows customers the ability to have quality rails built and shipped to them within 10 days of order placement.

- ✔ Reduced product catalog held in our Harrisburg, Pennsylvania manufacturing facility
- ✔ Rail designed using the PROJECT complete planning software
- ✔ Software will provide FastLane pricing
- ✔ Maximum 500 mm rail length
- ✔ Order quantity between 10-50 pieces

The FL process is initiated when the customer, working with their local Phoenix Contact Sales Engineer, submits a rail assembly design using the PROJECT complete planning software. The rail assembly must be composed of a specific group of Phoenix Contact DIN rail-mounted catalog items. FL rail assembly parts are pulled from a dedicated inventory warehouse located at our facility in Harrisburg, Pennsylvania, assuring component availability. A dedicated team is standing by to process FL orders from receipt of order, through assembly and quality check, to quick and efficient shipping of the finished assembly to the customer.

A few FL restrictions are: The rail assembly length must not exceed 500mm, and order quantities must be between 10 and 50 pieces.

The PROJECT complete planning software can provide FastLane pricing with one click.

Take a ride in the FastLane!
Kitting

Kitting parts utilizing Phoenix Contact’s Value Add resources reduces higher costs associated with handling individual components, in addition to simplifying time-consuming supply chain processes for our customers.

Phoenix Contact offers a wide variety of custom kits including terminal blocks, markers, and accessories, all labeled and bundled into anti-static bags. Choose from finished rail assemblies in cartons or finished rails banded and shipped to your facility on a skid. All ordered and delivered using one part number.

Custom packaging and labeling is also available. Packaging, determined by the dimensions of each kit, includes protective wrapping and boxing to eliminate damage in shipment and storage. Label to your specifications, with options including your logo and part number for easy identification and inventory management.

The benefits of Phoenix Contact kitting for your team include reduced handling costs (internally and externally), overall inventory or BOM reduction, as well as reduced associated errors. The elimination of excess stock in your warehouse will increase your free floor space and streamline receiving and delivery processes for your Purchasing and Logistics team.

Control your operational cost by kitting multiple Phoenix Contact components under one part number.

Sweet Spot cable assemblies

Error-proof wiring connections and reduce installation time with cable assemblies designed to your specifications.

Benefits include:
• Reduced assembly time
• IP-rated cable assemblies
• Reduced wiring errors between the controller and field terminations
• Utilization of common industry connectors, wire, and cable

Capabilities and services available include:
• Overmolding, 5 colors available
• Custom lengths
• Printing and labeling
• Custom wiring
• Cable prep including ferruling, tinning, and custom partial strip length

For more information, visit: www.phoenixcontact.com/us-valueadd
**DIN rail assemblies**

Leverage the product breadth, innovation, and quality of Phoenix Contact to meet project and application requirements.

Phoenix Contact’s Value Add lean manufacturing resources provide fully assembled DIN rail-mounted products ranging from basic rail assemblies with marking, bridging, and accessories to complex assemblies that are ferruled, wired, marked, and accessorized. Design any rail to be utilized across a wide variety of industries and applications using Phoenix Contact’s complete line of screw, spring, or push-in terminal blocks in addition to our broad range of DIN rail-mounted catalog items including relays, fuse blocks, circuit breakers, and power supplies.

Our in-house engineering and award-winning manufacturing and quality teams have decades of experience designing and constructing reliable touch-safe rail assemblies. All assemblies are subject to a mandatory first article inspection from our engineering, manufacturing, and quality team members to assure the custom assembly is built to the correct specifications and adheres to current ISO standards.

Single part number assignment for any type of custom rail assembly results in reduced BOM errors, speed-to-market project commissioning, and controlled operational costs for our customers.

Finished custom assemblies are securely packaged utilizing recyclable “green” materials and initiatives, then shipped and ready to install.

**Benefits include:**
- Rail assemblies manufactured and marked to specifications
- Designed using PROJECT complete planning software
- Single part number
- Hard copy drawings or sketches accepted
- Direct data exchange with most CAD programs
- Quick and easy ready-to-install assemblies
- Quality inspection and functional testing
- Custom packaging
- Delivery within 5 to 6 weeks

**Custom-cut DIN rail**

2,000 mm sticks of our wide selection of DIN rail offerings, whether perforated or unperforated, can be cut to millimeter precision.

Perforated DIN rail is manufactured to customer specifications, paying close attention to “edge of cut” positioning to ensure bare or populated DIN rail will mount perfectly onto the back panel or into an enclosure for retrofit.

Unperforated DIN rail is cut and hole-punched with millimeter precision. Phoenix Contact’s Value Add offers a wide selection of hole-punching options and positions to guarantee the holes or slots align perfectly onto back panel.

Additional options for custom-cut DIN rail include: Ends dipped in rustoleum, added end caps for safe handling, and printed labels for easy identification and warehouse assignment. Cut DIN rail orders are packaged to accommodate customer-specific Kanban requirements, whether in shorter lengths, bulk packaging, or 500mm+ length tubes.

**Benefits include:**
- DIN rail cut to millimeter precision lengths
- Specified hole placement
- Types: NS 35/15, NS 35/7.5 perforated or unperforated and aluminum raised rail (NS 35/58-AL)
Custom enclosures, junction boxes, and back panels

Custom enclosures manufactured by Phoenix Contact’s Value Add team are populated with catalog components. Let our team provide an entire solution with pre-installed fuses in fuse blocks, jumpers, point-to-point ferruled internal electrical connections, and wire markers for error-free installation and system integration with upstream power and downstream remote sensors and devices.

Enclosures are designed and assembled to customer specifications according to environmental requirements including paint or finish dimensions, mounting accessories, holes and cable glands, material (stainless steel or polycarb), back panels and standoffs (if required), panel devices, locking hasps, and special labeling according to standard, NEMA, or IP ratings. Wire management solutions can be added if internal wiring is specified.

Custom back panels may be built to these listed specifications for easy shipment, installation, and integration into your enclosure or system. Gain a competitive advantage working with our solutions team to attain finished custom enclosures that meet safety, installation, and quality expectations.

The synergies of Phoenix Contact products allow for a cost-effective approach to the design and manufacturing of industry-specific junction boxes including finishing and latching options.

Benefits include:
- Inventory reduction
- Minimized assembly time
- Elimination of wiring errors
- Testing/approvals

Capabilities and services available include:
- Single part number ordering
- Boxes built to customized sizes and specifications
  - Paint
  - Panel devices
  - Tags/labels
  - Ferruled wiring
  - Marking (including wire marking)
  - Cables and glands
  - Pre-wired

For more information, visit: www.phoenixcontact.com/us-valueadd
Process innovations for control cabinet manufacturing

The PROJECT complete planning and marking software guides you through all the phases of planning terminal strips. The software provides you with individual and convenient process support, from electrical plans to supplying your finished product.

Perfect CAE integration
PROJECT complete comes equipped with optimized interfaces to all common CAE programs. With just a mouse click, the software imports the electronic planning data and automatically designs the corresponding terminal strip.

Intuitive software operation
PROJECT complete provides you with a new user interface with a configurable search function and dynamic task bars. Intelligent functions automate many planning steps and ensure significant time savings.
Order in real time

PROJECT complete places the order for your projects directly.* Bills of material are transmitted to Phoenix Contact online. You immediately receive a price calculation and information on the availability of the products.

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PROJECT complete software interface overview

The graphical operating concept of PROJECT complete is based on dynamic ribbon technology. Functional areas are clearly summarized on tabs. Depending on the application, functions are arranged dynamically in the task bar and displayed only when needed.

Tabs
The dynamic task bar contains a summary of the functions in tabs. Certain functions only show up in their own tabs in the task bar when they are needed.

Project tree
The configured mounting rails that are associated with a project, including the accessories, are listed in an overview.

Planning space
Work area where the graphical terminal strip planning is carried out.
Insertion Center
Products can be found by entering the order number, order designation, or user product number, and then inserted into the project. The Live Search suggests products as the input progresses.

Product information
Information on the product selected is displayed here, including order number, order designation, brief description, product image, functional wiring diagram, and the link to the Phoenix Contact E-Shop for creating data sheets.
Ongoing communication with customers and partners worldwide

Phoenix Contact is a global market leader based in Germany. We are known for our future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation. With a global network reaching across more than 100 countries with over 17,400 employees, we stay in close contact with our customers, something we believe is essential for success.

Our wide variety of innovative products makes it easy for our customers to find future-oriented solutions for multiple applications and industries. We focus predominantly on the fields of energy, infrastructure, process, and factory automation.

You can find your local partner at

www.phoenixcontact.com