



wesco | anixter

# Industrial Automation Solutions

Industry 4.0 solutions to drive  
growth for your business.



**Ingenuity delivered.**



# Your Trusted Industrial Automation Advisor

**Our industrial customers tell us about challenges with:**

- Skilled labour shortages
- Maximising operational equipment effectiveness (OEE)
- Maintaining safe operations
- Avoiding unplanned downtime

With these in mind, maintaining a competitive edge is at the top of every business leader's mind.

As your trusted industrial automation advisor, Wesco Anixter has the ability to develop smarter solutions and create efficiencies that drive growth for your business made possible through our expertise and global partnerships.

Wesco Anixter will work closely with you to plan, design and implement new programs that provide flexible solutions to meet your complex demands.

# A Complete Automation Solution

## Industrial Automation Capabilities

We offer innovative and sustainable automation solutions to help you achieve operational excellence, enhance production and enable market expansion, all while prioritising the safety and security of your workers and systems.

### Industry 4.0 Strategy and Implementation

Look to Wesco Anixter to implement, maintain and support Industry 4.0 solutions. Our portfolio offers a wide range of services. We can tailor solutions to your specific challenges to help you take advantage of the fourth industrial revolution.

Wesco Anixter works with facilities to improve overall equipment effectiveness (OEE) and increase productivity. Our solutions give you access to process automation capabilities that increase throughput. We can help you optimise your discrete manufacturing processes to reduce waste and improve quality. We'll show you how to integrate hybrid automation solutions to enhance efficiency and flexibility.

### Best-in-Class Supplier and Solution Delivery Partner Ecosystem

Wesco Anixter offers a full line of automation products and support from world-class suppliers, systems integrators and solution delivery partners. Our partnerships allow us to offer automation solutions and provide you with access to industry-leading manufacturers and engineering expertise.

### Technical Expertise

We have a team of automation experts who can work with you to identify opportunities for improvement, evaluate different automation options and design a customised solution. Together, we'll work to help ensure that your automation solutions meet your specific requirements and budget. You can modernise your operations, improve equipment effectiveness, enhance safety and boost overall performance.

### INDUSTRIES SERVED

- Automotive
- Fibres and textiles
- Food and beverage
- Healthcare/institutional
- Infrastructure
- Machine builders and OEMs
- Marine
- Mining, metals and minerals
- Oil and gas/petrochemical
- Power generation
- Print and publishing
- Pulp and paper
- Semiconductor and electronics
- Tire and rubber
- Water and wastewater



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# Gain Competitive Advantages Through Smarter Ways to Enable Frictionless Workflow

## 1. Migrations

Aging automation systems not only hamper efficiency and hinder adaptability, but also expose operations to vulnerabilities that can disrupt productivity and compromise security.

## 2. Facility and Worker Safety

Enhance worker and environmental safety when you connect your people, equipment and work sites. Aging equipment lacks the safety and security capabilities to protect your workforce, assets and ultimately production.

## 3. Energy and Sustainability

Elevate energy and sustainability practices from repairs to energy-efficient systems. Wesco Anixter solutions for Motor Control Centers (MCCs), Variable Frequency Drives (VFDs), power factor optimisation and more enable environmentally conscious manufacturing.

## 4. Robotics

Robotic systems revolutionise industrial operations, minimising reliance on manual labour. Embracing robotics and mechatronics drives productivity while fostering innovation through training programs.

## 5. Networking and Cybersecurity

A fully connected enterprise requires a comprehensive approach to industrial security to address people, process and technology-related risks. Understanding the potential risks and building security into your industrial automation control systems and OT networks are critical.

## 6. Smart Machines

Unlock the potential of smart design and safe machines. Integrate AI-driven efficiencies and safe design principles into your processes. Embrace smart manufacturing enabled by innovative solutions that enhance operational efficiencies and foster intelligent design methodologies.

## 7. Predictive Maintenance

Extend asset life and prevent failure by predicting when a failure would occur. Measure the need for service based on actual operating conditions on the production line. Analyse equipment data to determine where and when a failure will occur before it does.

## 8. Smart Manufacturing

Smart devices and IoT technologies are shaping the future of manufacturing and increasing efficiency. Our solutions give you access to process automation capabilities that can increase OEE, productivity and throughput.





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# Look to Wesco Anixter for Industrial Automation Products and Services

## **Connectivity and Cabling**

- Cordsets
- Distribution blocks
- Field attachables
- Industrial ethernet cabling
- Modular Ts and taps
- Patch cords
- Terminal blocks

## **Contactors and Starters**

- Definite purpose contactors AC/DC
- Definite purpose starters
- Enclosed starters
- Lighting contactors
- Magnetic starters
- Manual starters
- Motor contactors
- Overload heaters
- Overload relays
- Soft starts
- Solid state contactors
- Vacuum break contactors

## **Controllers and I/O**

- Industrial PCs
- Input/output (I/O) modules
- Programmable logic controllers (PLCs)
- Safety PLCs

## **Distributed I/O**

- In-cabinet
- On-machine

## **Enclosures**

- IT racks, cabinets and enclosures
- Stainless steel enclosures
- Standard enclosures
- Thermal management products

## **HMI/Visualisation**

- HMI
- Industrial computers
- LED displays

## **Industrial Networking**

- Cellular gateways
- Firewalls
- I/O-Link
- Industrial ethernet switches
- Industrial gateways
- Industrial network tools and testing equipment
- Industrial routers
- Industrial wireless
- Security and remote access
- Servers
- Wireless products and systems

## **IoT Technologies**

- Artificial intelligence (AI)
- Augmented reality (AR)
- Digital thread
- Digital twin
- Machine learning
- OEE software
- Virtual reality (VR)

## **Machine Safety**

- Cable pull and foot switches
- Light curtains and scanners
- Machine safety controls
- Safety contactors
- Safety fencing
- Safety mats and bumpers
- Safety PLCs
- Safety relays
- Safety switches

## **Mechatronics and Motion**

- Cabling and accessories
- Encoders
- Gearing - high precision
- Motion drives and motors
- Safety servo drive
- Servo drives
- Servo motors and actuators

## **Operators and Signaling Devices**

- Audible signals
- Contact devices
- Pilot devices
- Signaling device and accessories
- Stack lights and accessories
- Selector switches
- Pushbuttons

## **Panel Components and Accessories**

- Cable ties
- Cord grips
- DIN rail
- Ferrules
- Forks and ring terminals
- Heat shrink
- Labelling
- Lugs
- Spiral wrap
- Wire and cable
- Wireties
- Wireway

### Power Distribution

- Circuit breakers - DIN mount
- Disconnects
- Fuses and fuseblocks
- Line filters
- Line reactors
- Moulded case circuit breakers
- Panel bussing
- Power distribution blocks
- Power supplies
- Resistors
- Surge suppression
- Surge suppressors
- Terminal blocks
- Transformers
- UPS systems
- Relays and timers
- General purpose relays
- Control relays
- Timing relays
- Solid state relays

### Robotics

- Cobot
- End effectors
- Mobile robot
- Standalone robot

### Sensors

- Accelerometers and vibration sensors
- Barcode and RFID
- Current meter sensors
- Fibre-optic
- Flow detection sensors
- Gas detection sensors
- Humidity sensors
- Level detection sensors
- Limit switches
- Motion and occupancy sensors
- Photoelectric sensors
- Pressure sensors
- Proximity sensors
- Temperature sensors
- Vision and imaging systems
- Voltage detection sensors
- Water detection sensors

### Software

- Dashboard and reporting software
- Data Visualisation
- Historian software
- Industrial networking software
- Manufacturing execution systems (MES)
- SCADA
- Threat detection

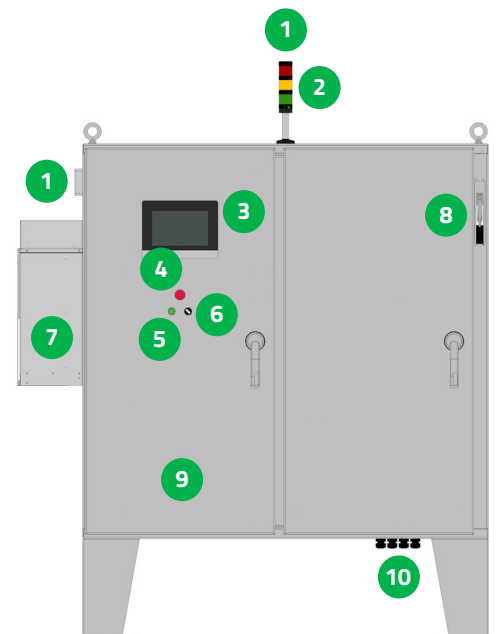


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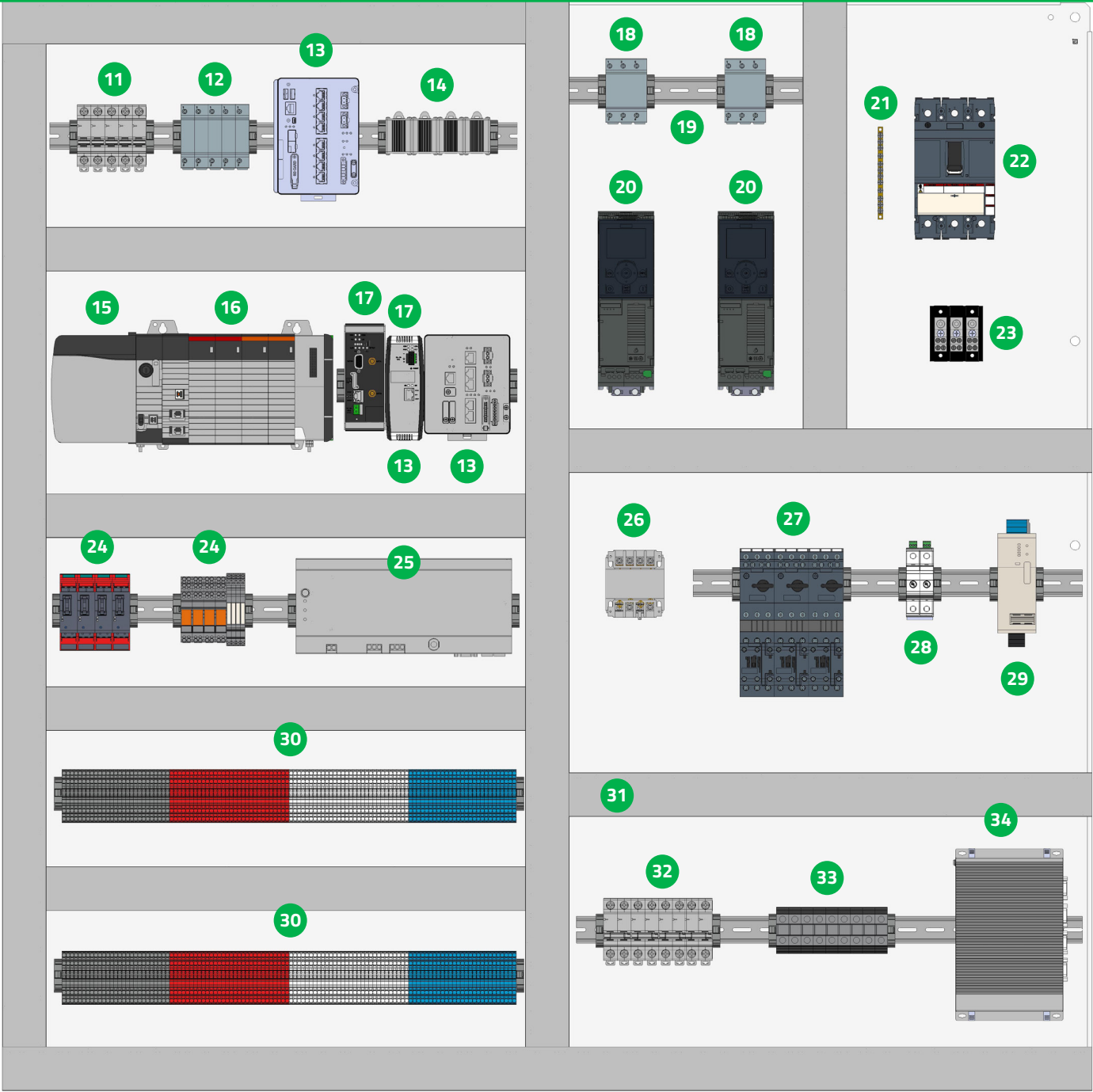
# Products

Wesco Anixter partners with industry-leading automation and control suppliers to help our customers design and develop industrial control systems that meet and exceed our clients' expectations. Wesco Anixter can help you determine what size system you need to build and what mix of products would be most effective.

- |   |  |
|---|--|
| 1. Audible signals                      | 19. DIN rail                                     |
| 2. LED stack lights                     | 20. VFD  |
| 3. HMI                                  | 21. Ground bar                                   |
| 4. Push button                          | 22. Moulded case circuit breaker                 |
| 5. Pilot device                         | 23. Distribution block                           |
| 6. Selector switch                      | 24. Control relays (ice cube and terminal block) |
| 7. Air conditioner                      | 25. Uninterruptible power supply (UPS)           |
| 8. Disconnect switch                    | 26. Transformer                                  |
| 9. Enclosure                            | 27. Combination motor starter                    |
| 10. Cord grips                          | 28. Surge protection (120VAC)                    |
| 11. Miniature circuit breaker           | 29. Power supply                                 |
| 12. Single pole fuse holder and fuse    | 30. Terminal blocks                              |
| 13. Industrial ethernet                 | 31. Panel duct                                   |
| 14. Enet surge protection               | 32. Miniature CB                                 |
| 15. Programmable logic controller (PLC) | 33. Terminal blocks (high-current)               |
| 16. Controllers and I/O                 | 34. Server                                       |
| 17. Industrial gateway                  |  |
| 18. Fuse blocks and fuses               |  |







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# Premier National Automation and Control Partners

Wesco Anixter partners with leading automation suppliers and solution providers to provide complete, turnkey automation solutions that keep your operations running smoothly. Stay a step ahead with a versatile portfolio of products and solutions that grow and change with your business.



To learn more about Wesco Anixter's industrial automation solutions, please contact [Ind.automationEMEA@anixter.com](mailto:Ind.automationEMEA@anixter.com).

\*Access to select brands may be limited to specific Wesco Anixter locations. Please contact your local branch to confirm authorisation status.



# About Wesco Anixter

## Supporting your business with:

**50,000**  
suppliers

**800**  
locations

**50+**  
countries

## Three strategic business units with unique focus and expertise:

1. Electrical & Electronic Solutions
2. Communications & Security Solutions
3. Utility & Broadband Solutions



Corporate focus and commitment to excellence in **Environmental, Social & Governance standards.**

## Technical services:

Electrical, security, communications, broadband, DAS and Wi-Fi



## Ability to help ensure what you need is always on hand:

**Millions**  
of products

**\$22.3 billion**  
in net sales

**Fortune 500**  
company

## ISO Certifications



**ISO 9001:2015**  
Quality Management  
System Certified  
Company



**ISO 27001:2013**  
Information Security  
Management System  
Certified Company



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**[Wesco.com/emea](https://www.wesco.com/emea)**

**Wesco Anixter Electrical & Electronic Solutions (EES) EMEA HQ**

Floor 1-3, One Waterside Place, Basin Square,  
Brimington Road, Chesterfield, Derbyshire,  
UK S41 7FH  
+44 (0)1246 927801

**Wesco World Headquarters**

225 West Station Square Drive, Suite 700  
Pittsburgh, PA 15219, USA

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