In Cabinet
• Network Interface Cards
• Ethernet Switches
• CIP Safety Software Kits
• SST™ Communication Modules
• PICS Simulation® Software

I/O and Network
• Harsh I/O IP67 Modules
• Brad® DeviceNet* Cables and accessories
• Brad® Ethernet Solutions
• Brad* PROFIBUS† Solutions

Connectivity
• Brad® Micro-Change® (M12) Connectors
• mPm® DIN Value Connectors
• Brad® Distribution Boxes
• Brad® Mini-Change® Connectors

*DeviceNet is a trademark of Open DeviceNet Vendor Association (ODVA)
†PROFIBUS is a trademark of PNO/PI
Power and Motors
- Brad® Power Connectors
- Brad® M23 Connectors
- GWconnect® Heavy-Duty Cable Connectors

Plant Support
- GFCI Receptacles and Inline Products
- Stainless Steel Strain Relief and Support Grips
- Woodhead® Power Distribution
- Super-Safeway™ and Safeway® Heavy Duty Wiring Devices

Hazardous Duty and Watertite®
- Hazardous Location Handlamps
- Hazardous Location Wide Area Lighting
- Woodhead® Watertite® Wet Location Wiring Devices
- Industrial and Heavy-Duty Cable Reels
PRODUCT INFORMATION

IN CABINET

Network Interface Cards:
• SST™, applicom®, and Direct-Link™
Network Interface Cards (NICs) are
intelligent communication solutions
connecting various computer bus
formats
• Software available for our NICs
enables fast integration of industrial
communication into a Food and
Beverage plant application

Ethernet Switches:
• Managed and unmanaged
Brad® Direct-Link® Ethernet
switches provide reliable, robust
performance across complex
networks in a wide range of control
and monitoring applications
• Available in DIN rail mount IP30
styles and machine mount IP67
versions

CIP Safety Software Kits:
• Meets IEC 61508, SIL3 standard
• Approved by TUV and complies with
the CIP Safety Edition 2.1 ODVA
standard

SST™ Communication Modules:
• Available for various industrial
networks and fieldbus including
Modbus Serial and TCP;
PROFIBUS®-DP and AS-interface
• Add-on Profiles (AOP) for
ControlLogix® modules

I/O and NETWORK

Harsh I/O IP67 Modules:
• Machine mount I/O module which
reduces cabinet space and wiring
costs
• Brad® Ultra-Lock® (M12) connection
system provides fast and secure
connections
• Support numerous fieldbus
connectivity such as DeviceNet®,
PROFIBUS®-DP, EtherNet/IP

Brad® DeviceNet® Cables and
Accessories:
• Plug-and-play simplicity at power up
for fast and easy integration
• Low-cost-real time, device level bus
architecture connecting sensors and
actuators

Brad® PROFIBUS® Solutions:
• DeviceNet, PROFIBUS®, EtherNet
I/P, ProfiNet and other available
protocols
• Variety of receptacles and cordset
options including accessories

CONNECTIVITY

Brad® Micro-Change® (M12)
Connectors:
• IP67 compliant
• Available with push-to-lock sealing

mPm® DIN Value Connectors:
• Conforms to EN 175301-803
• IP67 sealing properties
• Used with solenoid valves in
all hydraulic and pneumatic
applications

Brad® Distribution Boxes:
• Compact alternative to junction boxes
• Radial O-ring provides IP67 seal
(IP69K seal available)

Brad® Mini-Change® Connectors:
• 2-19 pole
• IP67 sealing

POWER and MOTORS

Brad® Power Connectors:
• Alternative to hard wiring using
modular components for fast and
easy installation
• 3 or 4 pole, 32A/600NFA 79-2014
compliant and UL 2237 listed

Brad® M23 Connectors:
• Provide quick-connect to servo motors
• Power and signal combinations
available
• Small connector size for tight spaces

GWconnect® Heavy-Duty Cable
Connectors:
• Wide array of pin counts and power
capabilities
• IP67 Seal
• Metal housings for durability

PLANT SUPPORT

GFCI Receptacles and Inline
Products:
• Plug-connector type, flying lead,
box-style products available
• Available in 15, 20 or 30A, 120
or 240V
• Weatherproof, NEMA type 3R, 4X,
6 and 6P ratings available

Stainless Steel Strain Relief
and Support Grips:
• Strain-relief grips provide relief for
cords or flexible conduit on plugs,
connectors and enclosures on
portable equipment
• Stainless steel mesh support grips
are designed to withstand the most
abusive plant environments

Woodhead® Power Distribution:
• Pre-wired solutions
• Standard components and
replacement parts
• Custom-built products
• Single or duplex receptacles
designed for wet, abusive
environments
• Available in 15, 20 or 30A, 120
or 240V
• Weatherproof, NEMA type 4, 4X,
6 and 6P ratings available

Super-Safeway™ and Safeway®
Heavy Duty Wiring Devices:
• Rubber construction
• Self-aligning blades
• Wiring screw terminals backed out
• Stainless-steel assembly screw

HAZARDOUS DUTY and
WATERTITE®

Hazardous Location Handlamps:
• Lights are designed to stringent
specifications of NEC Article 500
and are agency listed for safety in
classified locations

Hazardous Location Wide Area
Lighting:
• Rugged cast aluminum enclosure
with unique rubber lens gasket
assembly provides superior strength
and durability
• Four, 20W LED arrays that resist
breakage during rough handling
• Operating rage of -40° C to +40° C

Woodhead® Watertite® Wet
Location Wiring Devices:
• Neotex® Rubber construction for
ultimate temperature, chemical, oils
and abrasion resistance
• IP67 rated for high-pressure hose
down application up to 1,000 PSI
Self-aligning blade contacts provide
lower operating temperatures
yielding longer connector life

Industrial and Heavy-Duty Cable
Reels:
• Containerized mainspring
• NEMA-3 and NEMA-4 enclosure
• Anti-lock-out ratchet system
• Modular collector rings

*ControlLogix is a registered trademark of Rockwell Automation
†DeviceNet is a trademark of Open DeviceNet Vendor Association (ODVA)
‡PROFIBUS is a trademark of PNO/PI
Optimizing oil and gas production processes through Molex’s automation and electrical product lines; Brad®, Woodhead®, SST™ and GWconnect®, minimizes cost and ensures safety. From heavy-duty connectors that withstand the most hazardous environments to LED lighting that reduces downtime and increases productivity, our team of highly-skilled industrial experts design and develop innovative solutions every day. Molex’s industrial communication, connectivity, power, control and plant electrical solutions deliver the safety, reliability and performance needed in the oil and gas industry.
Get customized insights at: http://www.molex.com/industry/industrial.html