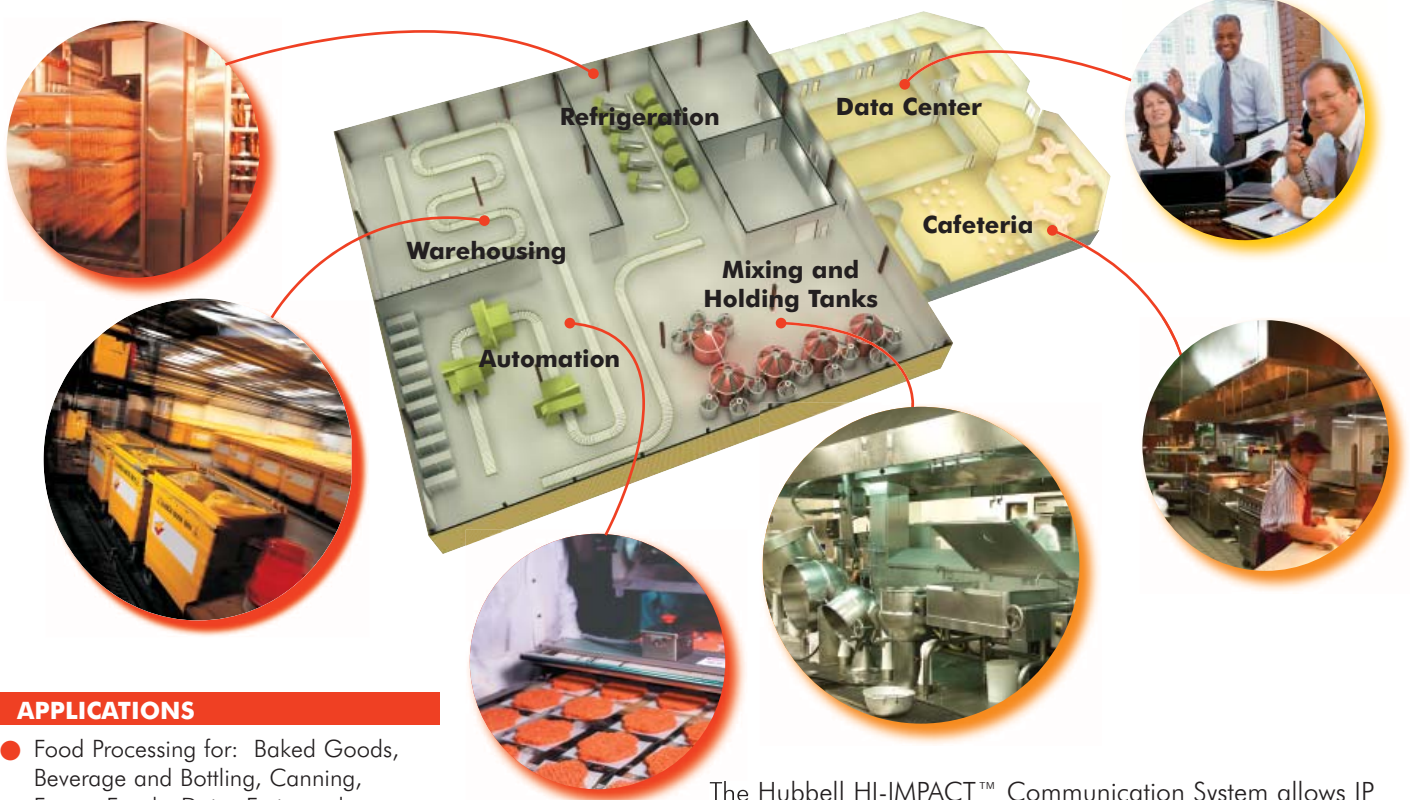


HI-IMPACT™

Food Processing: Device to Data Center

Communication Solution for Harsh Environments



APPLICATIONS

- Food Processing for: Baked Goods, Beverage and Bottling, Canning, Frozen Foods, Dairy, Fruits and Vegetables, Meats, Poultry and Eggs, Packing and Seafood Industries
- Restaurants and Food Service
- Vending

CONNECTOR SPECIFICATIONS

- ◆ Environmental
 - Ingress Protection: IP67 and IP66 (dust/water)
 - Corrosion: Resistant to most common chemicals, oils and cleaning agents.
 - HI-IMPACT™ Housing: UV resistant
 - Temperature Range: TIA/EIA-568-B.2
- ◆ Mechanical
 - Vibration
 - Frequency Range: 10-500Hz
 - Acceleration: 5g
 - Mating Cycles: 750 minimum
 - UL 1863 listed
- ◆ Material
 - HI-IMPACT™ Housing: PBT, UL 94V-0
 - Nose Contacts: Beryllium copper with a minimum of 50 micro-inch gold plating over nickel under plating.
 - IDC 110 Contacts: Phosphor bronze with 100 micro-inch tin lead 60/40 plating over nickel under plating.
- ◆ Electrical
 - ANSI/TIA/EIA-568-B.2-1 (Category 6)
 - ANSI/TIA/EIA-568-B.2 (Category 5e)
 - Supports TIA TR42.9 Industrial Draft
 - Supports IEEE 802.3af to 4 times the DTE Power specification
 - Exceeds IEEE 802.3ab Gigabit specification to $< 1 * 10^{-13}$

The Hubbell HI-IMPACT™ Communication System allows IP scales, machines, cameras and sensors to be easily connected to the LAN as the need for real time business intelligence grows. Whether you are faced with regular wash downs in a commercial kitchen or demanding daily abuse of high pressure washing, HI-IMPACT™ system provides the protection to withstand the environment and deliver reliable transmission performance.

Hubbell's HI-IMPACT™ system is more than just a connection. It is a complete end-to-end communications solution designed to address the unique needs posed by food processing environments.

HUBBELL ADVANTAGE

- **Durability:** Corrosion resistant connectors, plates and enclosures withstand years of abuse and wash down.
- **Simplestic:** Deploy Ethernet to the machine level with pre-configured connectors, boxes, and delivery components.
- **User-Friendliness:** Intuitive connectors provide an easy connect/disconnect for on-the-fly programming.
- **Flexibility:** Enclosures, plates, boxes and connectors can be assembled to suit a wide range of applications.

www.hubbell-solutions.com/Hi-Impact



e 3 SEVERE Applications

Connectors

- Cat 5e
- Cat 5e Coupler
- *F-Connector
- *Cat 6
- *M12

Patch Cords

- Cat 5e
- Cat 6
- Hybrid Series
- M12 to RJ45

Enclosures NEMA 4X

- REBOX®
- Consolidation Point
- *Wireless

Plates

- FS/FD Plates

Work Area Boxes

- NEMA 4X Control Boxes
- Portable Outlet Boxes
- Weatherproof Box

Delivery

- Center Rack
- TrukTrak®
- LiquidTight® Systems
- Cord Connectors

* Coming soon 2004

e 2 HARSH Applications

Connectors

- Cat 5e
- Cat 5e Coupler
- *F-Connector
- *Cat 6

Patch Cords

- Cat 5e
- Cat 6
- Hybrid series

Enclosures NEMA 4, 12, 13

- REBOX®
- Consolidation Point
- *Wireless

Plates

- Stainless Steel Plates

Work Area Boxes

- NEMA 4/12/13 Control Boxes
- Portable Outlet Boxes
- Die-cast Box

Delivery

- Center Rack
- TredTrak®
- LiquidTight® Systems

e 1 TOUGH Applications

Connectors

- Cat 5e
- Cat 6
- Cat 5e Coupler
- Broad range of Audio/Video Connections

Patch Cords

- Cat 5e
- Cat 6

Enclosures NEMA 3R

- REBOX®
- *Wireless

Plates

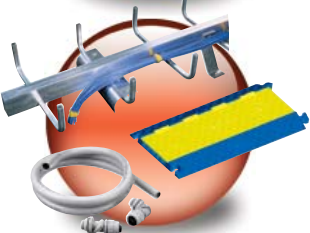
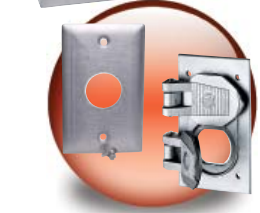
- Communication Frames
- Flip Covers

Work Area Boxes

- Bell® Boxes
- Work Boxes

Delivery

- Center Rack
- TredTrak®
- LiquidTight® Systems



Hubbell Wiring Device-Kellems
Hubbell Incorporated (Delaware)
185 Plains Road
Milford, CT 06460-2420
Tel: (203) 882-4800
Fax: (800) 255-1031
www.hubbell-wiring.com
H5148APP 03/04



Hubbell Premise Wiring
Hubbell Incorporated (Delaware)
14 Lord's Hill Road
Stonington, CT 06378-0901
Tel: (800) 626-0005
Fax: (860) 535-8328
www.hubbell-premise.com
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