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| Harting- Han® HC Modular 250 <input type="checkbox"/> | Harting- Han® Q 12/0 PCB Adapter <input type="checkbox"/> | Turck- PS300 Pressure Sensors <input type="checkbox"/> |
| Harting- Profinet <input type="checkbox"/> | Grace- Voltage Indicator <input type="checkbox"/> | Turck- NPN Outputs <input type="checkbox"/> |
| Harting- Han-Eco® <input type="checkbox"/> | Kubler- Magnetic Encoder <input type="checkbox"/> | Turck- JBBS Junction Brick <input type="checkbox"/> |
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4th QUARTER 2010

Toll Free 1-877-513-PROX(7769)

What's New



Han® HC Modular 250



- Flexible configuration of number of poles.
- Rated current 250 A at a rated voltage of 2000 V.
- High quality plastic with good smoke and inflammability levels.
- High current connector requiring little space, suitable for high current applications..
- Removable tool for simple installation and removal of contacts and inserts.
- Multiple coding options for the individual inserts will prevent insertion of the wrong connector.
- A maximum of four poles can be used in size 24 B HPR housing, making it suitable for motor connections

TURCK continued...



Network Products

JBBS Junction Brick for AS-Interface®



- Bricks include options with 4,6, or 8 circuit protected ports.
- JBBS junction bricks simplify the connection of multiple field devices.
- Can be mounted directly on machine in hazardous environments.
- Shut-off feature is preferred method to minimize disruptions to network.
- IP69K-rated JBBS junction bricks are available with M12 or 7/8-16 UN connectors in stainless steel or nickel-plated brass.
- Design allows users to service the device while maintaining normal operating conditions.

Connectivity Products

M12 Adapters

- May be used to connect incompatible round connectors quick and easily.
- Space-saving
- Can be used instead of reordering cables or adding junction boxes.
- May be used to connect two couplings, two plugs, or a plus to a coupling.
- Available in straight and elbow tee versions.
- May be specified with A or B coding and custom configured pinouts.



Fast Track Switching for PROFINET



- First managed Industrial Ethernet switches with Fast Track Switching technology.
- Switch detects PROFINET real-time frames and accelerates them in a cut-through method.
- Priority is given for transmission taking precedence over non-real-time frames.
- Automation data reaches destination on time, regardless of remaining network load.
- Can be planned and configured with automation tools.
- Numerous alarms and diagnoses from the PLC can be received.
- Supports functions such as VLANs, RSTP for redundant topologies, LLDP for topology display and all common management functions.

Products featured in this edition:



HARTING *continued...*

Han-Eco®

- Versatile use, light weight and lower costs.
- Simultaneously offers weight and cost advantages.
- Higher contact density to housing size ratio is achieved.
- Entire range of modules from the Han-Modular® series can be used with the Han-Eco® housing.
- A module has more room in any of the four sizes than in the equivalent in the Han B® standard series.
- Suitable for applications that do not need entire range of product features found in the Han B® housing series.



Han® Q 12/O PCB-Adapter

- Separate connector for the PCB Adapter.
- All 12 contacts and the PE conductor can be used.
- 4 KV rated impulse voltage at pollution degree 3.
- Highest number of pins, now option of direct connection to device boards.
- Special versions of the Han Q 12/O connector's male and female inserts for the PCB Adapter will be available.
- Can be pre-installed according to pinhole pattern on the board, as with other passive elements.



The Medium Voltage Vision® Indicator

- Available in packages of 3.
- Capacitive coupling provides high surge immunity and electrical installation integrity.
- Indicators flash when voltage is present allowing safe viewing.
- Long-life and reliability with solid-state LEDs and flame-rated material.
- Two voltage ratings available, suitable for up to 43Kv.



Kübler
Magnetic Encoder

- Designed with a miniature 24 mm diameter housing.
- 2430 shaft and 2440 hollow shaft encoders deliver small footprint required for space restricted installations.
- Wide temperature range of -20 to 85°C.
- Maximum speed rating of 12,000 RPM.
- Non-contact technology ensures exceptional ruggedness.
- Models available with radial and axial cable outlets, extending applicability in space restricted areas.



Sensor Products
PS300 Series

- Signals directly processed on PS300's newly developed measuring cell, and digitally transferred to sensor's potted, self-contained display.
- Available in male or female 1/4" NPT or G1/4" thread versions, with digital or analog outputs for all measuring ranges.
- Bonded seals ensure reliable process connection for high accuracy.
- IP69K rated design withstands harsh environments.
- Wide measuring range from 3 to 400 bar.
- High level of EMC resistance and switch point accuracy: 0.5% of full scale.



NPN Outputs for C-Groove Magnetic Cylinder Position Sensors

- Designed to mount within C-groove cylinders with no accessories required.
- BIM-UNR sensors now enhanced with a combination mounting screw granting flexibility to choose Allen wrench or flat-bladed screwdriver for installation.
- Dimensions of 2.9x4.6x18 mm, BIM-UNR is most compact sensor on market.
- Sensors can be securely mounted with simple quarter-turn of mounting screw located near cable exit.



TERMINAL BLOCKS
RELAY SOCKETS
RFI FILTERS
LIQUID LEVEL CONTROLS



PHOTOELECTRIC DEVICES:
SENSORS, LIGHT CURTAINS



INTERFACE PORTS FOR PLC'S,
DRIVES, COMPUTERS
& INDUSTRIAL NETWORKS



HEAVY DUTY
INDUSTRIAL CONNECTORS



PC & EMBEDDED COMPUTER
INTERFACE CARDS
& DIAGNOSTIC
DEVELOPMENT TOOLS



ULTRASONIC
PROXIMITY SENSORS



FULL FEATURED INDUSTRIAL
RELAYS, DIN RAIL MOUNTING
SOCKETS & TIME CUBES



SENSING, CONNECTIVITY
& NETWORK
SOLUTIONS FOR
FACTORY AND PROCESS
AUTOMATION