Innovative Products for Reliable Control Panel Performance

Everything You Need To Organize, Connect, and Protect.

1. Wiring Duct
2. Cable Ties
3. Mounts
4. Identification System
5. Terminals
6. Copper Connectivity
7. Power Connectors
8. Grounding Connectors
9. Abrasion Protection
10. Ferrules
11. Safety
12. Fiber Connectivity

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Optimize Valuable Control Panel Space

Enable panel shops, engineering firms and machine builders to speed production, control costs, as well as maintain quality, system availability and reliability. Offers the broadest range of options to help save valuable panel space, mitigate noise disruptions, and improve reliability.

Engagement Questions

- Are you looking to meet regulatory requirements within the control panel?
- Are you looking to better utilize space within the panel?
- Are Electrical noise or Electromagnetic Interference (EMI) interfering with the normal, desired signal or control action?
- Reduce noise and signal interference with noise mitigation solutions.

Top Product Listing

1. **Wiring Duct**
   - Route, protect and conceal wiring with a wide variety of size, colors and materials to meet wire capacity needs and space constraints.
   - Narrow Fingers – F Series
   - Wide Fingers – G Series
   - Halogen-Free – NE Series
   - Hinged Cover – H Series
   - DIN Rail – OD Series

2. **Cable Ties**
   - Fasten, bundle, clamp and manage wiring with cable ties and tools designed to speed installation and improve operator safety.
   - Pan-Ty Mechanically Applied Mounts – PAN-PM*
   - Pan-Ty Mechanically Applied Mounts – PAN-PF*
   - Pan-Ty Locking Marker with Adhesive Mount, Nylon 6.6, UL 62275 (Type 1, 11), 3.9"L, Max. Bundle .75 V – PAN-PLM1M-C
   - Locking, Nylon 6.6, UL 62275 (Type 2, 21), 8.0"L, Max. Bundle .2.0" – PAN-PLF16-C
   - Locking, Nylon 6.6, UL 62275 (Type 2, 21), 3.9"L, Max. Bundle .87" – PAN-PLT2S-C

3. **Mounts**
   - Route and secure control panel wiring quickly and reliably with mounting devices.
   - Control Panel Switch Mount – CPMS75-C, CPMS225-C
   - Dynamic Cable Bundler for Panel Strain Relief – ADSCM810A-C, ADSCM1004-A-C
   - Mechanically Applied Mounts – TM*, PWMS*, MCMS*, MTP*

4. **Identification**
   - Enclose industry and regulatory standards with high performance labeling solutions.
   - Thermal Transfer Desktop Printers with Easy-Mark™ Labeling Software – TDP43ME, TDP43HE
   - Easy-Mark™ Labeling Software – PROG-OMC02
   - CAD-Connect Labeling Software – PROG-CCCD
   - Heat Shrink Labels – H Series
   - Self-Laminating Labels – S Series
   - Turn-Tell Labels – T Series
   - Raised Panel Push Button and Component Labels

5. **Terminals**
   - Designed to ensure precise wire entry and secure connections; ideal solution for managing the stripped end of flexible wire in panel bundling applications.
   - Disconnects –
     - Reel Smart – DNF16-250RF-3K
     - Loose Piece – DNF16-250RF-3K
     - Reel Smart – PV14-10HR-3K
     - Loose Piece – PV14-10HR-3K
     - Forks –
     - Reel Smart – PV18-16LFR-3K
     - Loose Piece – PV18-16LFR-3K
     - Plugs –
     - Reel Smart – PN14-47C-3K
     - Reel Smart – PV14-47P-3K
   - Splices –
     - Reel Smart – SRB18-3K
     - Loose Piece – SRB18-3K

6. **Copper Connectivity**
   - Copper available in shielded and UTP Category 4, 5 and 5e options.
   - Jack Module Connectors’
     - Category 6 UTP – CUS160KG
     - Category 5e Shielded – CUS5LBTS
     - Category 5e UTP – CUS160BS
     - Patch Cords’
     - Category 5e UTP – UTP2B08
     - Category 6 Shielded – SHUTC6
     - Category 6 UTP – UTP2B08UP
   - DIN Rail Patch Panel – 6 Port COPP16R
   - Color options available

7. **Power Connectors**
   - Engineered to provide fast and easy termination solutions for high volume harnessing and assembly applications.
   - Copper Mechanical Lugs – CMC Series
   - One-Hole, Aluminum Single Barrel Lugs – LAM Series
   - Tubular Ring Terminal, Non-Insulated – S Series
   - One-Hole, Standard Barrel with Window Lug – LCA Series
   - Flex Conductor, One-Hole, Standard Barrel with Window Lug – LCAU Series

8. **Grounding Connectors**
   - Secure quickly and easily with a broad selection of styles for installation flexibility.
   - Universal Grounding Bars – UB2B-0144-4, UB2B-0144-12, UB2B-014-4, UB2B-014-12, UB-WK-50, UB-W-50
   - Flat Braided Bundling Straps – BS100405, BS130405, BS100445, BS101345
   - One-Hole Aluminum Lay-In Lug – LA41C32-2, LA51C0-14-L, LA52C05-56-Q

9. **Abrasion Protection**
   - Insulate and protect wiring in demanding environments.
   - Pan-Wrap® Split Harness Wrap – PWW5F-7L
   - Spiral Wrap – T712F-C
   - Grommet Edging – GSE3SCF6
   - Braided Expandable Skiving – SET12-100
   - Heat Shrink Tubing – HT5605-Q-50

10. **Ferrules**
    - Bare and Coated Ferrules intended for field wiring and factory wiring for use in accordance with UL 468F and Canadian Electrical Code, CSA-C22.2 No. 291-14.
    - Ferrules Non Insulated – F Series
    - Ferrules with Insulation – FSG Series
    - Twin Wire Ferrules – TFS Series
    - Ferrules with Expanded Sleeves – FSIX Series
    - Ferrules for Short Circuit Protection Sleeves – FSIDIL Series

11. **Safety**
    - Control and identify hazardous energy with devices and labeling/signage solutions.
    - Polyester Electrical Safety Printed Labels – PROS330CNB200
    - Arc Flash Labels – PROSF56D520TP
    - Enclosure Safety Labels – PESC-H-AT
    - Earth Ground Labels – PEIC-A-E
    - E-Stop Raised Panel Label – CS26BG-3D-ES
    - Mini Circuit Breaker Lockout – PSL-MCB

12. **Fiber Connectivity**
    - Comprehensive fiber optic systems that deliver high performance, reliability and scalability.
    - Pre-Terminated Fiber Patch Cords
      - SC Duplex OM3 – FSDXOM3K200
      - SC Duplex OM5 – FSDXOM5K200
      - LC Duplex OM3 – FZERJNL4MM19
      - LC Duplex OM5 – FZERJNL4MM19
    - Fiber Optic Connectors
      - LC Opticern® OM3 Pre-Polished – FLCCSOM3Y
      - LC Opticern® OM5 Pre-Polished – FLCCSOM5Y
      - S Series Singlemode Pre-Polished – FSCOMYB
    - Fiber Slack Management
      - FM81
      - FM82