Mini-Line Cordsets and Receptacles are designed for modular use in abusive applications where cable assemblies are exposed to constant flexing and/or dirty, oily, or harsh environments.

**Applications:**
- Specifically designed for industrial automation applications in which power or signal connections are exposed to long-term physical stresses and subjected to liquids or oils
- Ideal for industrial manufacturing, production line equipment, packaging equipment, conveyors and assembly lines, plus food and beverage processing equipment
- Mini-Line connection points mean less downtime, easier maintenance, and increased safety by replacing traditional hard wiring with a plug-and-run modular pre-wired system
- These products have excellent resistance to welding flash, hot chips, and other severe conditions found in demanding manufacturing settings
- The molded-to-cable construction of the one-piece cordset ends creates a bond that is impervious to penetration from external contaminants

**Features:**
1. Indicating arrow for easy identification and proper alignment of keyway
2. Vibration-resistant ratchet coupler design prevents loosening in severe and high-vibration applications
3. Couplers pass 1,000-hour salt-spray test for exceptional corrosion resistance
4. Shroud and cork design rated for 1,200 psi hose down spray, exceeding IEC IP68 and NEMA 6P ratings
5. Gold over nickel female contact plating provides superior conductivity and corrosion resistance
6. Superior bonding receptacle-to-pigtail epoxy potting ensures excellent reliability by preventing pigtail pull-out
7. Multiple cable options available to suit nearly every industrial application
8. Internal contact support maintains pin location both pin-to-pin and pin-to-face dimensions
9. Mini-Line cordsets available in 2 through 12 Pole 16 AWG cable for 6A, 7A, 8A, 10A & 13A applications
LynxPOWER™ Passive Connectors

Mini-Line Cordsets

Male and Female Cordsets

Features:
- Factory molded-to-cable cordsets provide quick connect capability
- Modular components allow for easy expansion and reconfiguration without the need for rewiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time, and lessens the need for special tools
- Environmentally sealed ends rated at IP68 to prevent the ingress of dust, water, and other contaminants to reduce maintenance and downtime
- Vibration-resistant ratchet couplers assure cordsets stay connected under load
- Superior female contact design with stainless steel sleeve for minimal degradation
- End-to-cable molded junction securely bonds for excellent reliability
- Internal contact support maintains pin location and proper keyway alignment
- Shroud and cork design exceeds IP68 and NEMA 6P rating (rated 1,200 PSI hose-down spray)
- Easy stripping jacketed cable with “fillerless” design allows fast stripping with simple hand tools; high flex copper stranding delivers improved flexibility; multiple cable options

Certifications and Compliances:
- UL recognized, cURus, File No. E169897

Style I Male and Female Plugs
2-Pole: 13A; 3-Pole: 13A; 4-Pole: 10A; 5-Pole: 8A; 6-Pole: 6A
2, 3, 4, 5, 6 Conductor 16 AWG Standard Color Code
- Cable options: STOOW or SOOW
- Straight and right angle body designs
- Vibration-proof ratchet coupler design
- Zinc, nylon, and stainless steel coupler options
- Meets current SAE #H1738-2 specifications

Style II Male and Female Plugs
6-Pole: 8A; 7-Pole: 7A; 8-Pole: 7A
6, 7, 8 Conductor 16 AWG Standard Color Code
- Cable options: STOOW or SOOW
- Straight and right angle body designs
- Vibration-proof ratchet coupler design
- Zinc, nylon, and stainless steel coupler options
- Meets current SAE #H1738-2 specifications

Style III Male and Female Plugs
9-Pole: 7A; 10-Pole: 7A; 12-Pole: 7A
9, 10, 12 Conductor 16 AWG Standard Color Code
- Cable options: STOOW or SOOW
- Straight and right angle body designs
- Vibration-proof ratchet coupler design
- Zinc, nylon, and stainless steel coupler options
- Meets current SAE #H1738-2 specifications
11P LynxPOWER™ Passive Connectors
NEMA 1, 3, 4, 6P, 13
IEC IP68

Mini-Line Cordsets

Pin Configurations and Color Coding:

**Female Faces**

<table>
<thead>
<tr>
<th>Pole</th>
<th>Configuration</th>
<th>Color Coding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2-Pole Style I</td>
<td>1. WHT 2. BLK 3. WHT</td>
</tr>
<tr>
<td>3</td>
<td>3-Pole Style I</td>
<td>1. BLK 2. WHT 3. RED 4. ORG 5. BLK</td>
</tr>
<tr>
<td>4</td>
<td>4-Pole Style I</td>
<td>1. ORG 2. BLU 3. GRN 4. WHT 5. RED 6. GRN</td>
</tr>
<tr>
<td>5</td>
<td>5-Pole Style I</td>
<td>1. BLK 2. ORG 3. RED 4. WHT 5. GRN</td>
</tr>
<tr>
<td>6</td>
<td>6-Pole Style I</td>
<td>1. ORG 2. BLU 3. GRN 4. RED 5. WHT 6. ORG 7. BLU</td>
</tr>
<tr>
<td>7</td>
<td>7-Pole Style II</td>
<td>1. ORG 2. BLU 3. GRN 4. RED 5. WHT 6. ORG 7. BLU</td>
</tr>
<tr>
<td>8</td>
<td>8-Pole Style II</td>
<td>1. ORG 2. BLU 3. GRN 4. RED 5. WHT 6. ORG 7. BLU 8. RED/BLK</td>
</tr>
</tbody>
</table>

**Male Faces**

<table>
<thead>
<tr>
<th>Pole</th>
<th>Configuration</th>
<th>Color Coding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2-Pole Style I</td>
<td>1. WHT 2. BLK</td>
</tr>
<tr>
<td>3</td>
<td>3-Pole Style I</td>
<td>1. BLK 2. WHT 3. RED 4. ORG 5. BLK</td>
</tr>
<tr>
<td>4</td>
<td>4-Pole Style I</td>
<td>1. ORG 2. BLU 3. GRN 4. WHT 5. RED 6. GRN</td>
</tr>
<tr>
<td>5</td>
<td>5-Pole Style I</td>
<td>1. BLK 2. ORG 3. RED 4. WHT 5. GRN</td>
</tr>
<tr>
<td>6</td>
<td>6-Pole Style I</td>
<td>1. ORG 2. BLU 3. GRN 4. RED 5. WHT 6. ORG 7. BLU</td>
</tr>
<tr>
<td>7</td>
<td>7-Pole Style II</td>
<td>1. ORG 2. BLU 3. GRN 4. RED 5. WHT 6. ORG 7. BLU 8. RED/BLK</td>
</tr>
<tr>
<td>8</td>
<td>8-Pole Style II</td>
<td>1. ORG 2. BLU 3. GRN 4. RED 5. WHT 6. ORG 7. BLU 8. RED/BLK 9. BLK</td>
</tr>
<tr>
<td>9</td>
<td>9-Pole Style III</td>
<td>1. ORG 2. BLU 3. GRN 4. RED/BLK 5. GRN/BLK 6. ORG/BLK 7. BLU/BLK 8. BLK/WHT</td>
</tr>
</tbody>
</table>

**Conductor Color Coding**

<table>
<thead>
<tr>
<th>Pole</th>
<th>ColorCoding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1. WHT 2. BLK 3. WHT</td>
</tr>
<tr>
<td>3</td>
<td>1. BLK 2. WHT 3. RED 4. ORG 5. BLK</td>
</tr>
<tr>
<td>4</td>
<td>1. ORG 2. BLU 3. GRN 4. WHT 5. RED 6. GRN</td>
</tr>
<tr>
<td>5</td>
<td>1. BLK 2. ORG 3. RED 4. WHT 5. GRN</td>
</tr>
<tr>
<td>6</td>
<td>1. ORG 2. BLU 3. GRN 4. RED 5. WHT 6. ORG 7. BLU</td>
</tr>
<tr>
<td>7</td>
<td>1. ORG 2. BLU 3. GRN 4. RED 5. WHT 6. ORG 7. BLU 8. RED/BLK</td>
</tr>
<tr>
<td>9</td>
<td>1. ORG 2. BLU 3. GRN 4. RED/BLK 5. GRN/BLK 6. ORG/BLK 7. BLU/BLK 8. BLK/WHT</td>
</tr>
</tbody>
</table>

**Mini-Line Cordset Catalog Number Matrix:**

Sample Number:
ML44WC120FX = LynxPOWER™ Mini-Line 4-Pole Male Plug, 16 AWG Yellow STOOW-U.S. std. color code, 12 foot length, stainless steel coupler.

**Product**
ML = Mini-Line Cordset

<table>
<thead>
<tr>
<th># of Poles</th>
<th>Gender &amp; Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 = 2, Style I</td>
<td>A = Male Straight Internal Thread</td>
</tr>
<tr>
<td>3 = 3, Style I</td>
<td>B = Female Straight Internal Thread</td>
</tr>
<tr>
<td>4 = 4, Style I</td>
<td>C = Female Straight Internal Thread</td>
</tr>
<tr>
<td>5 = 5, Style I</td>
<td>D = Male 90° Internal Thread</td>
</tr>
<tr>
<td>6 = 6, Style I</td>
<td>E = Female 90° Internal Thread</td>
</tr>
<tr>
<td>7 = 7, Style II</td>
<td>G = Male 90° - Female Straight</td>
</tr>
<tr>
<td>8 = 8, Style II</td>
<td>H = Female 90° - Male Straight</td>
</tr>
</tbody>
</table>

**Cable Specifications**

<table>
<thead>
<tr>
<th># of Poles</th>
<th>Cable Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>4AC = 16 AWG TPE - U.S. Std Color Code</td>
</tr>
<tr>
<td>3</td>
<td>4WC = 16 AWG STOOW - U.S. Std Color Code</td>
</tr>
<tr>
<td>4</td>
<td>4SC = 16 AWG SOOW - U.S. Std Color Code</td>
</tr>
</tbody>
</table>

**Unit of Measure**

<table>
<thead>
<tr>
<th>Length (00.0)</th>
<th>Unit of Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Digit</td>
<td>= 10 x Length</td>
</tr>
<tr>
<td>2nd Digit</td>
<td>= 1 x Length</td>
</tr>
<tr>
<td>3rd Digit</td>
<td>= 0.1 x Length</td>
</tr>
</tbody>
</table>

(Standard Lengths are: 3, 6, 12, 20 and 30 Feet)
Mini-Line Receptacles

Male and Female Receptacles

Features:
- Modular components allow for easy expansion and reconfiguration without the need for rewiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time, and lessens the need for special tools
- Environmentally sealed connectors rated at IP68 to prevent the ingress of dust, water, and other contaminants to reduce maintenance and downtime
- Compact, space-saving receptacle bodies
- Superior female contact design with stainless steel sleeve for minimal degradation
- Receptacle-to-pigtail potting bonds securely for excellent reliability
- Internal contact support maintains pin location and proper keyway alignment
- Shroud and cork design exceeds IP68 and NEMA 6P rating (rated 1,200 PSI hose-down spray)

Certifications and Compliances:
- UL recognized, cURus, File No. E16997

Style I Male and Female Receptacles
2-Pole: 13A; 3-Pole: 13A; 4-Pole: 10A; 5-Pole: 8A; 6-Pole: 6A
2, 3, 4, 5, 6 Conductor 16 AWG U.S. Standard Color Code
- Cable options: PVC single conductor flying leads
- 3/16-14 NPT mounting threads
- Zinc, nylon, and stainless steel shell options
- Meets current SAE #H1738-2 specifications

Style II Male and Female Receptacles
6-Pole: 8A; 7-Pole: 7A; 8-Pole: 7A
6, 7, 8 Conductor 16 AWG U.S. Standard Color Code
- Cable options: PVC single conductor flying leads
- 3/16-14 NPT mounting threads
- Aluminum, nylon, and stainless steel shell options
- Meets current SAE #H1738-2 specifications

Style III Male and Female Receptacles
9-Pole: 7A; 10-Pole: 7A; 12-Pole: 7A
9, 10, 12 Conductor 16 AWG U.S. Standard Color Code
- Cable options: PVC single conductor flying leads
- 3/16-14 NPT mounting threads
- Aluminum, nylon, and stainless steel shell options
- Meets current SAE #H1738-2 specifications
11P LynxPOWER™ Passive Connectors  
NEMA 1, 3, 4, 6P, 13  
IEC IP68

Mini-Line Receptacles

Pin Configurations and Color Coding:

**Female Faces**

- **2-Pole Style I**
- **3-Pole Style I**
- **4-Pole Style I**
- **5-Pole Style I**
- **6-Pole Style I**
- **7-Pole Style II**
- **8-Pole Style II**
- **9-Pole Style III**
- **10-Pole Style III**
- **12-Pole Style III**

**Male Faces**

- **2-Pole Style I**
- **3-Pole Style I**
- **4-Pole Style I**
- **5-Pole Style I**
- **6-Pole Style I**
- **7-Pole Style II**
- **8-Pole Style II**
- **9-Pole Style III**
- **10-Pole Style III**
- **12-Pole Style III**

**Conductor Color Coding**

<table>
<thead>
<tr>
<th>Standard</th>
<th>1. WHT</th>
<th>2. BLK</th>
<th>3. RED</th>
<th>4. ORG</th>
<th>5. GRN</th>
<th>6. BLU</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. WHT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. BLK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. RED</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. ORG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. GRN</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. BLU</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mini-Line Receptacles Catalog Number Matrix:

**Sample Number:**  
MR4F4BC120AX = LynxPOWER™ Mini-Line 4-Pole Female Receptacle, 16 AWG single conductor PVC U.S. Std. color code, cable 12" with stainless steel.

**Product**

- **MR** = Mini-Line Receptacle

**# of Poles**

- 2 = 2, Style I  
- 3 = 3, Style I  
- 4 = 4, Style I  
- 5 = 5, Style I

**Cable Specifications**

- **4BC** = 16 AWG Single Conductor PVC-U.S. Std Color Code

**Gender & Configuration**

- **E** = Male External Thread - 1/2"-14 NPT  
- **F** = Female External Thread - 1/2"-14 NPT

**Special Features**

- **X** = Stainless Steel Shell  
- **Y** = Nylon Shell

**Unit of Measure**

- **A** = Inches

**Length (00.0)**

- 1st Digit = 10 x Length  
- 2nd Digit = 1 x Length  
- 3rd Digit = 0.1 x Length

(Standard Length is: 12 inches)
Mini-Line Tees and Accessories

Features:
- Modular components allow for easy expansion and reconfiguration without the need for rewiring; reduces installation time and lessens the need for special tools
- Factory molded tees offer quick and easy circuit branching options
- Field attachable connectors allow users to create custom cable lengths using their own cable
- Optional 316 stainless steel couplers support for food and beverage industry applications

Certifications and Compliances:
- UL recognized, cURus, File No. E169897

Style I Tees
2-Pole: 13A; 3-Pole: 13A; 4-Pole: 10A; 5-Pole: 8A; 6-Pole: 6A
2, 3, 4, 5, 6 Conductor 16 AWG Tees Available
- Male and female plug connectivity
- Available with molded drop cable
- Black and gray molded body options
- Zinc, nylon, and stainless steel coupler options available
- IP68

Style I Field Attachables
2-Pole: 13A; 3-Pole: 13A; 4-Pole: 10A; 5-Pole: 8A; 6-Pole: 6A
3, 4, 5 Conductor Available to Support 16 AWG Cable
- Field attachables feature an impact-resistant PVC body
- Provide IP67 environment protection
- Nickel-plated brass coupler provides easy to use, durable connection
- IP67
11P  LynxPOWER™ Passive Connectors
NEMA 1, 3, 4, 6P, 13
IEC IP67, IP68

Mini-Line Tees and Accessories

Mini-Line Tees Catalog Number Matrix:

Sample Number:
MT4RC4R = LynxPOWER™ Mini-Line 4-Pole Male to Female Tee With Female Drop Right Key

- **Product**: MT = Mini-Line Tee
- **# of Poles**: 2 = 2, Style I
  3 = 3, Style I
  4 = 4, Style I
  5 = 5, Style I
  6 = 6, Style I
- **Wire Gauge**: 4 = 16 AWG
- **Drop Key Position**: L = Key Toward Male
  R = Key Toward Female
- **Gender & Configuration**: RC = Male Inline - Female with Female Drop
- **Special Features**: X = Stainless Steel Coupler
  N = Nylon Coupler
- **Unit of Measure**: A = Inches
  (Leave blank if no cable)
- **Length (00.0)**: 1st Digit = 10 x Length
  2nd Digit = 1 x Length
  3rd Digit = 0.1 x Length
  (Standard Length is: 12 inches)
  (Leave blank if no cable)
- **Cable**: W = STOOW
  S = SOOW
  (Leave blank if no cable)

Sample Number:
MT4RC4R = LynxPOWER™ Mini-Line 4-Pole Male to Female Tee With Female Drop Right Key

Mini-Line Field Attachable Catalog Number Matrix:

Sample Number:
MF3B1 = LynxPOWER™ Mini-Line 3-Pole Male In-Line Field Attachable Plug

- **Product**: MF = Mini-Line Field Attachable
- **# of Poles**: 3 = 3, Style I
  4 = 4, Style I
  5 = 5, Style I
- **Gender & Configuration**: B = Male Inline External Thread Straight
  C = Female Internal Thread Straight
  D = Male Inline External Thread 90°
  E = Female Internal Thread 90°
- **Cable Range**: 1 = 0.20”-0.48”
- **Cable**: W = STOOW
  S = SOOW
  (Leave blank if no cable)

Ordering Information - Passive Accessories:

**Mini-Line Caps**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cat. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML1 Cap for Plugs</td>
<td>M1MC</td>
</tr>
<tr>
<td>ML2 Cap for Plugs</td>
<td>M2MC</td>
</tr>
<tr>
<td>ML3 Cap for Plugs</td>
<td>M3MC</td>
</tr>
<tr>
<td>ML1 Cap for Receptacles</td>
<td>M1FC</td>
</tr>
<tr>
<td>ML2 Cap for Receptacles</td>
<td>M2FC</td>
</tr>
<tr>
<td>ML3 Cap for Receptacles</td>
<td>M3FC</td>
</tr>
</tbody>
</table>
Micro-Mini Cordsets and Receptacles are specifically designed for sensor and control equipment used in today's manufacturing environments.

**Applications:**
- Specifically designed for industrial automation applications that expose signal connections to constant flexing and vibration, plus contaminants, hot chips, or welding flash
- Ideal for industrial manufacturing, production line equipment, pick-n-place machines, robotic equipment, and processing sensors
- Designed specifically for low amperage AC or DC control systems, compatible with pin configurations used by major sensor manufacturers in the U.S. and Europe, and meet current SAE H1738-2 and IEC 60176-2-101 specifications
- The molded-to-cable construction of the one-piece cordset ends creates a bond that is impervious to penetration from external contaminants
- Receptacle shells are made from materials chosen to mate with Micro-Mini Cordsets and provide a cable assembly with far superior service

**Features:**
1. Indicating arrow for easy identification and proper alignment of keyway
2. Vibration-resistant ratchet coupler design prevents loosening in severe and high-vibration applications
3. Couplers pass 1,000-hour salt-spray test for exceptional corrosion resistance
4. Heavy-duty contact insert provides superior strength for even the most abusive applications
5. Gold over nickel female contact plating provides superior conductivity and corrosion resistance
6. Superior bonding receptacle-to-pigtail epoxy potting ensures excellent reliability by preventing pigtail pull-out
7. Multiple cable options available to suit nearly every industrial application
8. Micro-Mini cordsets available in 2- through 6-pole 18 or 22 AWG cable for 3A, 4A and 5A applications
9. 360° shielded to coupler options available to protect circuits from EMI
### Male and Female Cordsets

#### Features:
- Designed for low amperage control systems in abusive manufacturing environments
- Factory molded-to-cable ends provide quick connect capability
- Modular components allow for easy expansion and reconfiguration without the need for rewiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time, and lessens the need for special tools
- Environmentally sealed ends rated at IP68 to prevent the ingress of dust, water, and other contaminants to reduce maintenance and downtime; internal gasket assures watertightness
- Vibration-resistant ratchet couplers assure cordsets stay coupled under load
- Contact inserts securely bonded in place with a proprietary process; superior side load strength is in excess of 100 lbs., five times industry standards
- End-to-cable molded junction securely bonds for excellent reliability
- Gold-plated contacts provide superior conductivity and corrosion resistance
- Easy stripping jacketed cable with "fillerless" design allows fast stripping with simple hand tools; high flex copper stranding delivers improved flexibility; multiple cable type options

#### Certifications and Compliances:
- UL recognized, cURus, File No. E169897

#### AC Dual Key, Male and Female Plugs

**2-Pole: 4A; 3-Pole: 4A; 4-Pole: 4A; 5-Pole: 4A; 6-Pole: 3A / 300 VAC**

- 2, 3, 4, 5, 6 Conductor 18 and 22 AWG U.S. AC Color Code
- Cable options: PVC (AWM) or TPE
- Straight and right angle body designs
- Vibration-proof ratchet coupler design
- Zinc, nylon, and stainless steel coupler options
- Meets current SAE #H1738-2 specifications

#### AC Dual Key Pin Configurations and Color Coding:

**Female Faces**

<table>
<thead>
<tr>
<th>Conductor</th>
<th>Color Coding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Pole Dual Key AC</td>
<td>Standard: 1. BRN, 2. BLU</td>
</tr>
<tr>
<td>3-Pole Dual Key AC</td>
<td>Standard: 1. GRN, 2. RED, 3. RED/WHT</td>
</tr>
<tr>
<td>4-Pole Dual Key AC</td>
<td>Standard: 1. RED/BLK, 2. RED/WHT, 3. RED</td>
</tr>
<tr>
<td>5-Pole Dual Key AC</td>
<td>Standard: 1. RED/WHT, 2. RED</td>
</tr>
<tr>
<td>6-Pole Dual Key AC</td>
<td>Standard: 1. RED/BLK, 2. RED/BLK/RED/BLU</td>
</tr>
</tbody>
</table>

**Male Faces**

<table>
<thead>
<tr>
<th>Conductor</th>
<th>Color Coding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Pole Dual Key AC</td>
<td>Standard: 1. BRN, 2. BLU</td>
</tr>
<tr>
<td>3-Pole Dual Key AC</td>
<td>Standard: 1. GRN, 2. RED, 3. RED/WHT</td>
</tr>
<tr>
<td>4-Pole Dual Key AC</td>
<td>Standard: 1. RED/BLK, 2. RED/WHT, 3. RED</td>
</tr>
<tr>
<td>5-Pole Dual Key AC</td>
<td>Standard: 1. RED/WHT, 2. RED</td>
</tr>
<tr>
<td>6-Pole Dual Key AC</td>
<td>Standard: 1. RED/BLK, 2. RED/BLK/RED/BLU</td>
</tr>
</tbody>
</table>
LynxPOWER™ Passive Connectors

Micro-Mini Cordsets
DC Single Key

Male and Female Cordsets

Features:
- Designed for low amperage control systems in abusive manufacturing environments
- Factory molded-to-cable ends provide quick connect capability
- Modular components allow for easy expansion and reconfiguration without the need for rewiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time, and lessens the need for special tools
- Environmentally sealed ends rated at IP68 to prevent the ingress of dust, water, and other contaminants to reduce maintenance and downtime; internal gasket assures watertightness
- Vibration-resistant ratchet couplers assure cordsets stay coupled under load
- Contact inserts securely bonded in place with a proprietary process; superior side load strength is in excess of 100 lbs., five times industry standards
- End-to-cable molded junction securely bonds for excellent reliability
- Gold-plated contacts provide superior conductivity and corrosion resistance
- Easy stripping jacketed cable with "fillerless" design allows fast stripping with simple hand tools; high flex copper stranding delivers improved flexibility; multiple cable type options

Certifications and Compliances:
- UL recognized, cURus, File No. E169897

DC Single Key (M12), Male and Female Plugs

3-Pole: 4A; 4-Pole: 4A; 5-Pole: 4A / 3-Pole: 5A;
4-Pole: 5A / 300 VDC
2, 3, 4, 5 Conductor 18 and 22 AWG

- Cable options: PVC (AWM) or SJOOW
- Straight and right angle body designs
- Vibration-proof ratchet coupler design
- Zinc, nylon, and stainless steel coupler options
- Meets current IEC 61076-2-101 specifications

DC Single Key (M12), LED Female Plugs

3-Pole: 3A / 10-30 VDC
2, 3, 4, 5 Conductor 18 and 22 AWG

- Same options as DC single key male and female plugs
- Right angle body designs with PNP or NPN wiring

Micro DIN Pin Configurations and Color Coding:

Conductor Color Coding
1. BRN 2. N/C 3. BLK 4. BLK 5. N/C
Euro DC 1. BRN 2. WHT 3. BLU 4. BLK 5. GRY

Crouse-Hinds by

**Micro-Mini Cordsets**

### Micro-Mini AC Dual Key Cordsets Catalog Number Matrix:

**Sample Number:**
AM4B2MG010M = LynxPOWER™ AC Dual Key, 4-Pole Male Plug, 22 AWG Yellow PVC - U.S. AC Color Code Cable 1 Meter.

<table>
<thead>
<tr>
<th>Product</th>
<th>AM = Micro-Min AC Cordset</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Poles</td>
<td>2, 3, 4, 5, 6</td>
</tr>
</tbody>
</table>

**Gender & Configuration**
- B = Male Inline External Thread Straight
- C = Female Internal Thread Straight
- E = Male Inline 90°
- F = Female 90°
- H = Male Inline 90° - Female Straight
- K = Male Inline 90° - Female 90°
- R = Male Inline Straight - Female Straight
- T = Male Inline Straight - Female 90°

**Cable Specifications**
- 2AG = 22 AWG TPE-U.S. AC Color Code
- 2MG = 22 AWG PVC-U.S. AC Color Code
- 3AG = 18 AWG TPE-U.S. AC Color Code
- 3MG = 18 AWG PVC-U.S. AC Color Code

**Unit of Measure**
- M = Meters

**Length (00.0)**
- 1st Digit = 10 x Length
- 2nd Digit = 1 x Length
- 3rd Digit = 0.1 x Length

*(Standard Lengths are: 1, 3, 5, and 10 Meters)*

**Special Features**
- X = Stainless Steel Coupler
- Y = Nylon Coupler

### Micro-Mini DC Single Key Cordsets Catalog Number Matrix:

**Sample Number:**
DM4B2ME010M = LynxPOWER™ DC Single Key, 4-Pole Male Plug, 22 AWG Yellow PVC - Euro AC Color Code Cable 1 Meter.

<table>
<thead>
<tr>
<th>Product</th>
<th>DM = Micro-Min DC Cordset</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Poles</td>
<td>2, 3, 4</td>
</tr>
</tbody>
</table>

**Gender & Configuration**
- B = Male Inline External Thread Straight
- C = Female Internal Thread Straight
- E = Male Inline 90°
- F = Female 90°
- H = Male Inline 90° - Female Straight
- K = Male Inline 90° - Female 90°
- R = Male Inline Straight - Female Straight
- T = Male Inline Straight - Female 90°

**Cable Specifications**
- 2JE = 22 AWG SJOW-Euro DC Color Code
- 2ME = 22 AWG PVC-Euro DC Color Code
- 3JE = 18 AWG SJOW-Euro DC Color Code
- 3ME = 18 AWG PVC-Euro DC Color Code

**Unit of Measure**
- M = Meters

**Length (00.0)**
- 1st Digit = 10 x Length
- 2nd Digit = 1 x Length
- 3rd Digit = 0.1 x Length

*(Standard Lengths are: 1, 3, 5, 10 and 30 Meters)*

**Special Features**
- X = Stainless Steel Coupler
- Y = Nylon Coupler
- S = Shielded Cable
- B = 360° Shielded to Coupler
- N = NPN LED Plug
- P = PNP LED Plug
LynxPOWER™ Passive Connectors

Micro-Mini Receptacles
AC Dual Key

Male and Female Receptacles

Features:
- Designed for low amperage AC control systems in abusive manufacturing environments
- Available in straight designs with standard color coding in AWM / MTW style 1430 / 1569 leads
- Modular components allow for easy expansion and reconfiguration without the need for rewiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time, and lessens the need for special tools
- Environmentally sealed connectors rated at IP68 to prevent the ingress of dust, water, and other contaminants to reduce maintenance and downtime; internal gasket assures watertightness
- Contact inserts securely bonded in place with a proprietary process
- Receptacle-to-pigtail potting bonds securely for excellent reliability
- Gold over nickel-plated contacts provide superior conductivity and corrosion resistance
- Internal contact support maintains pin location and proper keyway alignment
- Internal gasket assures watertight performance to IP68 and NEMA 6P ratings

Certifications and Compliances:
- UL recognized, cURus, File No. E169897

AC Dual Key, Male and Female Receptacles
2-Pole: 4A; 3-Pole: 4A; 4-Pole: 4A; 5-Pole: 4A; 6-Pole: 3A / 300 VAC
2, 3, 4, 5, 6 Conductor 18 and 22 AWG U.S. AC Color Code
- Cable options: PVC single conductor flying leads
- ’/”-14 NPT and ’/”-18 NPT mounting threads available
- Aluminum, nylon, and stainless steel shell options
- Meets current SAE #H1738-2 specifications

AC Dual Key Pin Configurations and Color Coding:

<table>
<thead>
<tr>
<th>Female Faces</th>
<th>2-Pole Dual Key AC</th>
<th>3-Pole Dual Key AC</th>
<th>4-Pole Dual Key AC</th>
<th>5-Pole Dual Key AC</th>
<th>6-Pole Dual Key AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male Faces</td>
<td>2-Pole Dual Key AC</td>
<td>3-Pole Dual Key AC</td>
<td>4-Pole Dual Key AC</td>
<td>5-Pole Dual Key AC</td>
<td>6-Pole Dual Key AC</td>
</tr>
</tbody>
</table>
**LynxPOWER™ Passive Connectors**

**Micro-Mini Receptacles**

**DC Single Key**

**Male and Female Receptacles**

**Features:**

- Designed for low amperage DC control systems in abusive manufacturing environments
- Available in straight designs with standard color coding in AWM / MTW style 1430 / 1569 leads
- Modular components allow for easy expansion and reconfiguration without the need for rewiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time, and lessens the need for special tools
- Environmentally sealed connectors rated at IP68 to prevent the ingress of dust, water, and other contaminants to reduce maintenance and downtime; internal gasket assures watertightness
- Contact inserts securely bonded in place with a proprietary process
- Receptacle-to-pigtail potting bonds securely for excellent reliability
- Gold over nickel-plated contacts provide superior conductivity and corrosion resistance
- Internal contact support maintains pin location and proper keyway alignment
- Internal gasket assures watertight performance to IP68 and NEMA 6P ratings

**Certifications and Compliances:**

- UL recognized, cURus, File No. E169897

**DC DIN, Male and Female Receptacles**

3-Pole: 4A; 4-Pole: 4A; 5-Pole: 4A / 300 VDC

- Cable options: PVC single conductor flying leads
- 1/2"-14 NPT and 1/4"-18 NPT mounting threads available
- Aluminum, nylon, and stainless steel shell options
- Meets current IEC 61076-2-101 specifications

**DC DIN Pin Configurations and Color Coding:**

- **Female Faces**
  - 3-Pole DC DIN: Euro DC 1. BRN, 2. N/C, 3. BLU, 4. BLK, 5. N/C
  - 4-Pole DC DIN: Euro DC 1. BRN, 2. WHI, 3. BLU, 4. BLK, 5. N/C
  - 5-Pole DC DIN: Euro DC 1. BRN, 2. WHI, 3. BLU, 4. BLK, 5. GRY

- **Male Faces**
  - 3-Pole DC DIN: Euro DC 1. BRN, 2. WHI, 3. BLU, 4. BLK, 5. GRY
  - 4-Pole DC DIN: Euro DC 1. BRN, 2. WHI, 3. BLU, 4. BLK, 5. GRY
  - 5-Pole DC DIN: Euro DC 1. BRN, 2. WHI, 3. BLU, 4. BLK, 5. GRY
Micro-Mini AC Dual Key Receptacles Catalog Number Matrix:

Sample Number:
AR4A2CG120A = LynxPOWER™ AC Dual Key, 4-Pole Female Receptacle, 1/4”-18 NPT Mounting, 22 AWG Single Conductor AWM - U.S. AC Color Code, 12 inches.

<table>
<thead>
<tr>
<th>Product</th>
<th># of Poles</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

Gender & Configuration
A = Female Internal Thread - 1/4”-18 NPT
B = Male External Thread - 1/4”-18 NPT
D = Female Internal Thread - 1/2”-14 NPT
E = Male External Thread - 1/2”-14 NPT

Cable Specifications
2CG = 22 AWG Single Conductor PVC-U.S. AC Color Code
3CG = 18 AWG Single Conductor PVC-U.S. AC Color Code

Length (00.0)
1st Digit = 10 x Length
2nd Digit = 1 x Length
3rd Digit = 0.1 x Length
(Standard Length is: 0.3 Meters)

Special Features
X = Stainless Steel Shell
Y = Nylon Shell

Unit of Measure
M = Meters

Micro-Mini DC Single Key Receptacles Catalog Number Matrix:

Sample Number:
DR4A2CE120A = LynxPOWER™ Micro-Mini DC Single Key 4-Pole Female Receptacle, 1/2”-14 NPT Mounting, 22 AWG Single Conductor, AWM - Euro DC Color Code, 0.3 M.

<table>
<thead>
<tr>
<th>Product</th>
<th># of Poles</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

Gender & Configuration
A = Female Internal Thread - 1/4”-18 NPT
B = Male External Thread - 1/4”-18 NPT
D = Female Internal Thread - 1/2”-14 NPT
E = Male External Thread - 1/2”-14 NPT

Cable Specifications
2CE = 22 AWG Single Conductor PVC-Euro AC Color Code
3CE = 18 AWG Single Conductor PVC-Euro AC Color Code

Length (00.0)
1st Digit = 10 x Length
2nd Digit = 1 x Length
3rd Digit = 0.1 x Length
(Standard Length is: 0.3 Meters)

Special Features
X = Stainless Steel Shell
Y = Nylon Shell

Unit of Measure
M = Meters
LynxPOWER™ Passive Connectors

Micro-Mini Tees and Accessories

Micro-Mini AC Dual Key and DC Single Tees

Features:
- Factory molded tees offer quick and easy circuit branching options, eliminating the need for hard wired boxes
- Tees are available with molded-to-cable drops as well as molded wiring harnesses with multiple drops
- Compact body reduces the overall connectivity footprint
- Flexible gender configurations allow the user to customize the product to fit their application

Micro-Mini AC Dual Key Tapping Tees
2-Pole, 3-Pole, 4-Pole, 5-Pole: 5A / 300V
2, 3, 4, 5 Conductor 18 AWG
- Standard low profile configurations
- 18 AWG and 22 AWG standard color code
- 300V 105°C
- Epoxy coated zinc die cast hardware
- Meets current SAE #H1738-2 specifications
- Vibration-resistant ratchet design (die cast coupler)

Micro-Mini DC Single Key Tapping Tees
3-Pole, 4-Pole, 5-Pole: 5A / 300V
3, 4, 5 Conductor 18 AWG
- 18 AWG and 22 AWG standard color code
- 300V 105°C
- Black epoxy coated hardware
- Meets current SAE #H1738-2 specifications

AC Dual Key Pin Configurations and Color Coding:

<table>
<thead>
<tr>
<th>Female Faces</th>
<th>2-Pole Dual Key AC</th>
<th>3-Pole Dual Key AC</th>
<th>4-Pole Dual Key AC</th>
<th>5-Pole Dual Key AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male Faces</td>
<td>2-Pole Dual Key AC</td>
<td>3-Pole Dual Key AC</td>
<td>4-Pole Dual Key AC</td>
<td>5-Pole Dual Key AC</td>
</tr>
</tbody>
</table>

DC Single Key Pin Configurations and Color Coding:

<table>
<thead>
<tr>
<th>Female Faces</th>
<th>3-Pole DC DIN</th>
<th>4-Pole DC DIN</th>
<th>5-Pole DC DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male Faces</td>
<td>3-Pole DC DIN</td>
<td>4-Pole DC DIN</td>
<td>5-Pole DC DIN</td>
</tr>
</tbody>
</table>

Crouse-Hinds by EATON

LynxPOWER™ Passive Connectors

Micro-Mini Tees and Accessories

Micro-Mini AC Dual Key Field Attachables

Features:
- Field attachable connectors allow users to quickly repair damaged molded cordsets
- Allow users to create custom cordset lengths using their own cable
- Optional 316 stainless steel couplers support food and beverage applications
- Easy to use set screw terminals provide secure conductor to contact termination

Micro-Mini AC Dual Key Field Attachables

2-Pole, 3-Pole, 4-Pole, 5-Pole:
5A / 300V
2, 3, 4, 5 Conductor
- Female, male, and male in-line versions
- Crimp style contact design
- Meets current SAE #H1738-2 specifications

Micro-Mini DC Single Key Field Attachables

4-Pole: 4A / 300V; 5-Pole: 3A / 300V
4, 5 Conductor
- PG7 and PG9 thread (grommet) sizes
- Female and male in-line versions
- Straight and right angle configuration
- Terminal screw attachments
- Meets current SAE #H1738-2 specifications
Micro-Mini Tees and Accessories

Micro-Mini AC Dual Key Field Attachables Catalog Number Matrix:

Sample Number:
AF4B1 = LynxPOWER™ DC Single Key, 4-Pole Male Field Attachable Plug

Product
AF = Micro-Mini AC Field Attachable

# of Poles
2
3
4
5

Ordering Information - Micro-Mini Accessories:

Micro-Mini AC Dual Key Caps

<table>
<thead>
<tr>
<th>Description</th>
<th>Cat. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cap for Micro-Mini AC Dual Key Male Internal Thread</td>
<td>AMC</td>
</tr>
<tr>
<td>Cap for Micro-Mini AC Dual Key Female External Thread</td>
<td>AFC</td>
</tr>
</tbody>
</table>

Micro-Mini DC Single Key Caps

<table>
<thead>
<tr>
<th>Description</th>
<th>Cat. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cap for Micro-Mini DC Single Key Male Internal Thread</td>
<td>DMC</td>
</tr>
<tr>
<td>Cap for Micro-Mini DC Single Key Female External Thread</td>
<td>DFC</td>
</tr>
</tbody>
</table>