How to Order: Power Connector

XXX - XX X X X X - X X X XXX

- **Numbe of Contacts**
  - 03, 04, 06, 07...... Pin

- **Style**
  - A – For Cable with S/R
  - B – For Cable without S/R
  - P – For Panel Front Mounting
  - R – For Panel Rear Mounting

- **Connector Style**
  - M – Male Connector
  - F – Female Connector

- **Specification**
  - PWE – Power Connector Current Rating 8A
  - PWF – Power Connector Current Rating 12A
  - PWC – Power Connector Current Rating 20A
  - PWH – Power Connector Current Rating 25A
  - PWBU – Power Connector Current Rating 10A+2A
  - PWCU – Power Connector Current Rating 20A+2A
  - PWG – Power Connector Current Rating 16A

- **Contact Type**
  - M – Male
  - F – Female
  - C – Combo

- **Mating Style**
  - L – Lock
  - S – Screw
  - Q – Quick

- **Waterproof Rating**
  - 6 = IP 66
  - 7 = IP 67
  - 8 = IP 68

- **Back Shell**
  - L – Straight (180° For Cable Type)
  - R – Right Angle (90° For Cable Type)
  - C – Circular (For Panel Type)
  - S – Square (For Panel Type)

- **Version**
  - 000 : Phantom
  - Without Cable
  - 001, 002,......
  - For Cable
  - A01 - 1M ~ A99 - 99M
  - A – UL2464 Cable
  - B – Power Cable

- **Assembly Style**
  - M – Molding Type
  - A – Assembly Type
  - S – Solder Type
  - P – 180° PCB Type
  - R – 90° PCB Type
  - B – Screw in Type

- **Contact Type**
  - M – Molding Type
  - A – Assembly Type
  - S – Solder Type
  - P – 180° PCB Type
  - R – 90° PCB Type
  - B – Screw in Type

- **Waterproof Rating**
  - IP67

- **Temperature Range**
  - Cable: -20°C to +80°C
  - Connector Body: -20°C to +105°C

- **Contact Resistance**
  - 5mΩ

- **Insulation Resistance**
  - ≥100MΩ at DC 250V

- **Durability**
  - 500 Times

- **Breakdown Voltage**
  - ≥AC 1000V / 1 Minute

- **Standard Cable Length**
  - 1–99M (Standard Cable: UL2464 PVC Jacket or Power Cable)

- **Field Installable**
  - All Solder Contacts Unless And Otherwise Indicated

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**Amphenol LTW Technology Co., Ltd.**

** SPECIFICATIONS **

<table>
<thead>
<tr>
<th>No.</th>
<th>Specifications</th>
<th>Standard Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Identifications</td>
<td>Power Connector</td>
</tr>
<tr>
<td>02.</td>
<td>Description</td>
<td>Panel Mount, Molded with Cable and Field Installable</td>
</tr>
<tr>
<td>03.</td>
<td>Current Rating / Pin Arrangements</td>
<td>8A : 5 to 7 12A : 2 to 4 16A : 3+PE (Screw in Type Termination) 20A : 3</td>
</tr>
<tr>
<td>04.</td>
<td>Material</td>
<td>Contacts: Copper Alloy, Gold Plated 16A Available in Gold, Silver and Tin Plating Connector Body: Nylon + GF UL Recognized</td>
</tr>
<tr>
<td>05.</td>
<td>Temperature Range</td>
<td>Cable: -20°C to +80°C Connector Body: -40°C to +105°C</td>
</tr>
<tr>
<td>06.</td>
<td>Waterproof Rating</td>
<td>IP67</td>
</tr>
<tr>
<td>07.</td>
<td>Contact Resistance</td>
<td>5mΩ</td>
</tr>
<tr>
<td>08.</td>
<td>Insulation Resistance</td>
<td>≥100MΩ at DC 250V</td>
</tr>
<tr>
<td>09.</td>
<td>Durability</td>
<td>500 Times</td>
</tr>
<tr>
<td>10.</td>
<td>Breakdown Voltage</td>
<td>≥AC 1000V / 1 Minute</td>
</tr>
<tr>
<td>11.</td>
<td>Standard Cable Length (for Molded Cable)</td>
<td>1–99M (Standard Cable: UL2464 PVC Jacket or Power Cable)</td>
</tr>
<tr>
<td>12.</td>
<td>Field Installable</td>
<td>All Solder Contacts Unless And Otherwise Indicated</td>
</tr>
</tbody>
</table>

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www.amphenolltw.com
### Power Connector Screw Type (8A)

#### Features
- **8A Current**: Male Connector, Front Mounting, IP 67, Solder Contacts, 8A: 5 to 7 Pins, UL Approved
- **12A Current**: Female Connector, Front Mounting, IP 67, Solder Contacts, 8A: 5 to 7 Pins
- **16A Current**: Female Connector, In-Line Molded Type (Cable to Cable or Cable to Field Installable), With SR, IP 67
- **20A Current**: Male Connector, In-Line Molded Type (Cable to Cable or Cable to Field Installable), With SR, IP 67
- **20A+2A Current**: Female Connector, Solder Contacts, In-Line Field Installable (Field Installable to Field Installable or Cable to Field Installable), Without SR
- **25A Current**: Male Connector, Solder Contacts, In-Line Field Installable (Field Installable to Field Installable or Cable to Field Installable), Without Cable

#### Contact Pin Arrangement
- **8A Current**: Size is between C and D size
- **12A Current**: Size is between C and D size
- **16A Current**: Size is between C and D size
- **20A Current**: C size
- **20A+2A Current**: Size is over E size
- **25A Current**: C size

#### Panel Cut-Out
- LTWPWE-PMMS-SC7001
- LTWPWE-BFFA-SL7001
- LTWPWE-AMMM-SL7001
- LTWPWE-BMMA-SL7001

#### Accessories
- LTWPWE-AMMM-SL7001
- LTWPWE-BMMA-SL7001

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www.amphenol-ltw.com
FEATURES:
• Male Connector
• Front Mounting
• IP 67
• Solder Contacts
• 12A: 2 to 4 Pins
• UL Approved

• Female Connector
• In-line Molded Type (Cable to Cable or Cable to Field Installable)
• With SR
• IP 67
• △ 12A: 2 to 4 Pins

• Female Connector
• Solder Contacts
• In-line Field Installable (Field Installable to Field Installable or Cable to Field Installable)
• Without SR
• IP 67
• △ 12A: 2 to 4 Pins

• Female Connector
• Screw Type Lock
• Right Angle Assembly Type
• Nylon + GF Material
• IP 67
• Female Pins 16A (3+PE)

• Female Connector
• Solder Contacts
• In-line Field Installable (Field Installable to Field Installable or Cable to Field Installable)
• Without Cable
• IP 67
• △ 12A: 2 to 4 Pins

• Male Connector
• Screw Type Lock
• Straight Assembly Type
• Nylon + GF Material
• IP 67
• Female Pins 16A (3+PE)
### Power Connector Screw Type (20A)

<table>
<thead>
<tr>
<th>Panel (Chassis) Mount</th>
<th>Mating Parts</th>
<th>Accessories</th>
</tr>
</thead>
</table>
| **LTWPWC-03RMMS-LC7001** | **LTWPWC-03RMMS-LC7002** | FEATURES:  
- Panel Male Connector, Lock Type  
- Rear Mounting  
- IP 67  
- 20A (2+PE)  
- Solder Type, Male Contacts  
- UL and TUV Approved: LTWPWC-03RMMS-LC7002 |
| **LTWPWC-03RMFS-LC7001** | **LTWPWC-03RMFS-LC7002** | FEATURES:  
- Panel Male Connector, Lock Type  
- Rear Mounting  
- IP 67  
- 20A (2+PE) Female Contacts  
- Solder Type  
- UL and TUV Approved: LTWPWC-03RMFS-LC7002 |

### Power Connector Screw Type (20A+2A)

<table>
<thead>
<tr>
<th>Panel (Chassis) Mount</th>
<th>Mating Parts</th>
<th>Accessories</th>
</tr>
</thead>
</table>
| **LTWPWC-04RMMS-LC7001** | **LTWPWC-04RMMS-LC7002** | FEATURES:  
- Panel Male Connector, Lock Type  
- Rear Mounting  
- IP 67  
- 20A*3+2A Male Contacts  
- Solder Type  
- UL and TUV Approved: LTWPWC-04RMMS-LC7002 |
| **LTWPWC-04RMFS-LC7001** | **LTWPWC-04RMFS-LC7002** | FEATURES:  
- Panel Male Connector, Lock Type  
- Rear Mounting  
- IP 67  
- 20A*3+2A Female Contacts  
- Solder Type  
- UL and TUV Approved: LTWPWC-04RMFS-LC7002 |

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[www.amphenolltw.com](http://www.amphenolltw.com)
### Power Connector Screw Type (25A)

#### Features:
- Panel Male Connector
- Screw Type
- Front Mounting
- 25A (2+PE)
- IP 67
- Screw in Type Male Contacts

#### LTWPWH-03PMMB-SC7001

**Panel Cut-Out:**
- 30.2±0.1
- 18.2

#### LTWPWH-03AMMM-SL7AXX

**Panel Cut-Out:**
- 30.2±0.1
- 18.2

#### How to Order: RJ Connector

<table>
<thead>
<tr>
<th>Cat</th>
<th>Mating Style</th>
<th>Waterproof Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>L – Lock</td>
<td>6 = IP 66</td>
</tr>
<tr>
<td>05</td>
<td>S – Screw</td>
<td>7 = IP 67</td>
</tr>
<tr>
<td>06</td>
<td>Q – Quick</td>
<td>8 = IP 68</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Style</th>
<th>Back Shell</th>
</tr>
</thead>
<tbody>
<tr>
<td>A – For Cable with S/R</td>
<td>L – Straight (180° For Cable Type)</td>
</tr>
<tr>
<td>B – For Cable without S/R</td>
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<td>P – For Panel Front Mounting</td>
<td>C – Circular (For Panel Type)</td>
</tr>
<tr>
<td>R – For Panel Rear Mounting</td>
<td>S – Square (For Panel Type)</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Connector Style</th>
<th>Assembly Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM – Plug Connector</td>
<td>M – Molding Type</td>
</tr>
<tr>
<td>FF – Jack Connector</td>
<td>A – Assembly Type</td>
</tr>
<tr>
<td></td>
<td>S – Solder Type</td>
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<tr>
<td></td>
<td>180° PCB Type</td>
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<tr>
<td></td>
<td>90° PCB Type</td>
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<tr>
<td></td>
<td>D – 110D</td>
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<tr>
<td></td>
<td>I – IDC</td>
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<tr>
<td></td>
<td>J – Jack</td>
</tr>
<tr>
<td></td>
<td>T – Terminal Type</td>
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</table>

<table>
<thead>
<tr>
<th>Specification</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ – RJ45 Connector</td>
<td>000 : Phantom</td>
</tr>
<tr>
<td>RJM – RJ45 Shield Connector Metal Nut</td>
<td>Without Cable</td>
</tr>
<tr>
<td>RJ0 – RJ 10PXC Connector (13/16”-16UN)</td>
<td>001, 002, 003, 004, 005</td>
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<tr>
<td>R50 – RJ 10PXC Shield Connector Plastics Nut (13/16”-16UN)</td>
<td>For Cable</td>
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<tr>
<td>RJ–6 – RJ 6PXC Connector (13/16”-16UN)</td>
<td>A – 5U5 UTP Cable</td>
</tr>
<tr>
<td>RJ6 – RJ 6PXC Connector (13/16”-16UN)</td>
<td>B – 5S FTP Cable</td>
</tr>
<tr>
<td>RM6 – RJ 6PXC Shield Connector Metal Nut (13/16”-28UN)</td>
<td>D – 5E UTP Cable</td>
</tr>
<tr>
<td>RJ4 – RJ 4PXC Connector (13/16”-16UN)</td>
<td>E – 5E FTP Cable</td>
</tr>
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<td>RS4 – RJ 4PXC Shield Connector (13/16”-16UN)</td>
<td></td>
</tr>
<tr>
<td>RM4 – RJ 4PXC Shield Connector Metal Nut (13/16”-28UN)</td>
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