

# **Series 3700 Cables and Connector Kits**

Installation Instructions

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# Introduction

This instruction sheet contains information for the Keithley Instruments Series 3700 System Switch/Multimeter cables and connector kits. These kits include all necessary hardware to assemble cables and connectors, as needed.

WARNING These installation instructions are intended for use by qualified service personnel only. Do not assemble connectors or make connections to them unless qualified to do so. Failure to recognize and observe normal safety precautions could result in personal injury or death.

Do not exceed the maximum specifications of the switching module.

### **General information**

The following table lists available cable and connector kits, the number of connector pins for each kit, and cable length (where applicable).

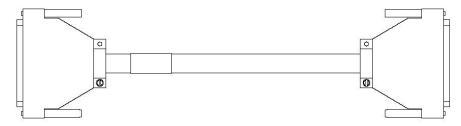
Table 1
Series 3700 cables and connector kits

| Model number    | Number of pins | Description   | Length      |
|-----------------|----------------|---------------|-------------|
| 3720-MTC-1.5    | 78             | Cable         | 1.5m (5 ft) |
| 3720-MTC-3      | 78             | Cable         | 3m (10 ft)  |
| 3721-MTC-1.5    | 50             | Cable         | 1.5m (5 ft) |
| 3721-MTC-3      | 50             | Cable         | 3m (10 ft)  |
| 3722-MTC-1.5    | 104            | Cable         | 1.5m (5 ft) |
| 3722-MTC-3      | 104            | Cable         | 3m (10 ft)  |
| 3722-MTC-1.5/MM | 104            | Cable         | 1.5m (5 ft) |
| 3722-MTC-3/MM   | 104            | Cable         | 3m (10 ft)  |
| 3790-KIT50-R    | 50             | Connector Kit | N/A         |
| 3791-KIT78-R    | 78             | Connector Kit | N/A         |
| 3792-KIT104-R   | 104            | Connector Kit | N/A         |
| 3792-KIT104-R/F | 104            | Connector Kit | N/A         |

# Model 3720-MTC-1.5 / 3.0

The Model 3720-MTC-1.5 / 3.0 cable is a 78-pin cable assembly (1.5m (5 ft) or 3.0m (10 ft) in length) terminated with a male D-sub connector on one end and a female D-sub connector on the other end.

Figure 1: Model 3720-MTC-1.5 / 3.0 cable



#### WARNING

Make sure the instrument that you are installing is in a powered-down state with all cables unplugged. Failure to install an instrument in a discharged state may cause personal injury or death from electrical shock. Do not exceed the maximum specifications of the switching module.

To prevent electrical shock, observe the following safety precautions:

- Both ends of the cable must be connected before applying any power to the system.
- Remove all power in the system before connecting the cable to a switching module or external circuitry.
- Both D-sub connector shells of this cable must be connected to a safety earth ground. A shock hazard exists when voltage levels greater than 30V RMS, 42.4V peak, or 60V DC are present.

### Cable maximum signal levels

The Model 3720-MTC-1.5 / 3.0 cable is rated for 300V DC or 300V RMS.

### Maximum current rating

The Model 3720-MTC-1.5 / 3.0 cable maximum current ratings are as follows:

• Single conductor: 4.4A

• Multiple conductors: 2.2A per wire

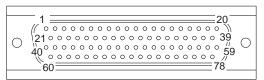
• Conductor gauge: 22 AWG

### Pin number identification

Pin number identification for the Model 3720-MTC-1.5 / 3.0 cables are shown in Figure 2 and Table 2 below:

Figure 2: Model 3720-MTC-1.5 / 3.0 pin number identification

# Male D-sub connector:



#### Female D-sub connector:

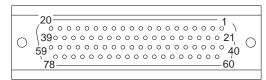


Table 2 Model 3720-MTC-1.5 / 3.0 and Model 3720-MTC-1.5/MM / 3.0/MM pin number identification 1

| CONN<br>1 Pin # | Color                                 | CONN 2<br>Pin # |
|-----------------|---------------------------------------|-----------------|
| 1               | Black                                 | 1               |
| 2               | Brown                                 | 2               |
| 3               | Red                                   | 3               |
| 4               | Orange                                | 4               |
| 5               | Yellow                                | 5               |
| 6               | Green                                 | 6               |
| 7               | Blue                                  | 7               |
| 8               | Violet                                | 8               |
| 9               | Gray                                  | 9               |
| 10              | White                                 | 10              |
| 11              | White / Black                         | 11              |
| 12              | White / Brown                         | 12              |
| 13              | White / Red                           | 13              |
| 14              | White / Orange                        | 14              |
| 15              | White / Yellow                        | 15              |
| 16              | White / Green                         | 16              |
| 17              | White / Blue                          | 17              |
| 18              | White / Violet                        | 18              |
| 19              | White / Gray                          | 19              |
| 20              | White / Black / Brown                 | 20              |
| 21              | White / Black / Red                   | 21              |
| 22              | White / Black / Orange                | 22              |
| 23              | White / Black / Yellow                | 23              |
| 24              | White / Black / Green                 | 24              |
| 25              | White / Black / Blue                  | 25              |
| 26              | White / Black / Violet                | 26              |
| 27              | White / Black / Grey                  | 27              |
| 28              | White / Brown / Red                   | 28              |
| 29              | White / Brown / Orange                | 29              |
| 30              | White / Brown / Yellow                | 30              |
| 31              | White / Brown / Green                 | 31              |
| 32              | White / Brown / Blue                  | 32              |
| 33              | White / Brown / Violet                | 33              |
| 34              | White / Brown / Gray                  | 34              |
| 35              | White / Red / Orange                  | 35              |
| 36              | White / Red / Yellow                  | 36              |
| 37              | White / Red / Green                   | 37              |
| 38              | White / Red / Blue                    | 38              |
| 39              | White / Red / Violet (s) <sup>3</sup> | 39              |

| CONN 1<br>Pin # | Color                              | CONN 2<br>Pin # |
|-----------------|------------------------------------|-----------------|
| 40              | White / Red / Gray                 | 40              |
| 41              | White / Orange / Yellow            | 41              |
| 42              | White / Orange / Green             | 42              |
| 43              | White / Orange / Blue              | 43              |
| 44              | White / Orange / Violet            | 44              |
| 45              | White / Orange / Gray              | 45              |
| 46              | White / Yellow / Green             | 46              |
| 47              | White / Yellow / Blue              | 47              |
| 48              | White / Yellow / Violet            | 48              |
| 49              | White / Yellow / Gray              | 49              |
| 50              | White / Green / Blue               | 50              |
| 51              | White / Green / Violet             | 51              |
| 52              | White / Black / Orange / Yellow    | 52              |
| 53              | N / C <sup>2</sup>                 | 53              |
| 54              | N/C                                | 54              |
| 55              | N/C                                | 55              |
| 56              | N/C                                | 56              |
| 57              | N/C                                | 57              |
| 58              | N/C                                | 58              |
| 59              | N/C                                | 59              |
| 60              | White / Black / Orange / Green     | 60              |
| 61              | White / Black / Orange / Blue      | 61              |
| 62              | White / Green / Gray               | 62              |
| 63              | White / Blue / Violet              | 63              |
| 64              | White / Blue / Gray                | 64              |
| 65              | White / Violet / Gray              | 65              |
| 66              | White / Black / Brown / Red        | 66              |
| 67              | White / Black / Brown / Orange     | 67              |
| 68              | White / Black / Brown / Yellow     | 68              |
| 69              | White / Black / Brown / Green      | 69              |
| 70              | White / Black / Brown / Blue       | 70              |
| 71              | White / Black / Brown / Violet (s) | 71              |
| 72              | N/C                                | 72              |
| 73              | White / Black / Brown / Gray       | 73              |
| 74              | White / Black / Red / Yellow       | 74              |
| 75              | White / Black / Red / Green        | 75              |
| 76              | White / Black / Red / Blue         | 76              |
| 77              | White / Black / Red / Violet       | 77              |
| 78              | White / Black / Red / Gray         | 78              |

### Notes:

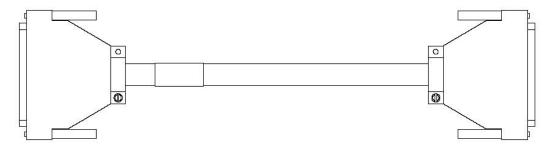
- 1. Connect drain wire to shield at both ends.
- 2. N/C = Not connected.

3. (s) = Spare.

# Model 3721-MTC-1.5 / 3.0

The Model 3721-MTC-1.5 / 3.0 cable is a 50-pin cable assembly (1.5m (5 ft) or 3.0m (10 ft) in length) terminated with a male D-sub connector on one end and a female D-sub connector on the other end.

Figure 3: Model 3721-MTC-1.5 / 3.0 cable



#### WARNING

Make sure the instrument that you are installing is in a powered-down state with all cables unplugged. Failure to install an instrument in a discharged state may cause personal injury or death from electrical shock. Do not exceed the maximum specifications of the switching module.

To prevent electrical shock, observe the following safety precautions:

- Both ends of the cable must be connected before applying any power to the system.
- Remove all power in the system before connecting the cable to a switching module or external circuitry.
- Both D-sub connector shells of this cable must be connected to a safety earth ground. A shock hazard exists when voltage levels greater than 30V RMS, 42.4V peak, or 60V DC are present.

# Cable maximum signal levels

The Model 3721-MTC-1.5 / 3.0 cable is rated for 300V DC or 300V RMS.

# **Maximum current rating**

The Model 3721-MTC-1.5 / 3.0 cable maximum current ratings are as follows:

Single conductor: 4.4A

Multiple conductors: 2.2A per wire

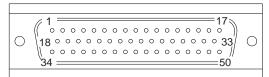
Conductor gauge: 22 AWG

#### Pin number identification

Pin number identification for the Model 3721-MTC-1.5 / 3.0 D-sub connectors are shown in Figure 4 and Table 3 below:

Figure 4: Model 3721-MTC-1.5 / 3.0 pin number identification

#### Male D-sub connector:



### Female D-sub connector:

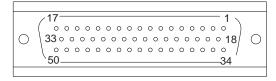


Table 3 Model 3721-MTC-1.5 / 3.0 pin number identification<sup>4</sup>

| CONN 1<br>Pin # | Color                 | CONN 2<br>Pin # |
|-----------------|-----------------------|-----------------|
| 1               | Black                 | 1               |
| 2               | White                 | 2               |
| 3               | Red                   | 3               |
| 4               | Green                 | 4               |
| 5               | Orange                | 5               |
| 6               | Blue                  | 6               |
| 7               | White / Black         | 7               |
| 8               | Red / Black           | 8               |
| 9               | Green / Black         | 9               |
| 10              | Orange / Black        | 10              |
| 11              | Blue / Black          | 11              |
| 12              | Black / White         | 12              |
| 13              | Red / White           | 13              |
| 14              | Green / White         | 14              |
| 15              | Blue / White          | 15              |
| 16              | Black / Red           | 16              |
| 17              | White / Red           | 17              |
| 18              | Orange / Red          | 18              |
| 19              | Blue / Red            | 19              |
| 20              | Red / Green           | 20              |
| 21              | Orange / Green        | 21              |
| 22              | Black / White / Red   | 22              |
| 23              | White / Black / Red   | 23              |
| 24              | Red / Black / White   | 24              |
| 25              | Green / Black / White | 25              |

| CONN 1<br>Pin # | Color                  | CONN 2<br>Pin # |
|-----------------|------------------------|-----------------|
| 26              | Orange / Black / White | 26              |
| 27              | Blue / Black / White   | 27              |
| 28              | Black / Red / Green    | 28              |
| 29              | White / Red / Green    | 29              |
| 30              | Red / Black / Green    | 30              |
| 31              | Green / Black / Orange | 31              |
| 32              | Orange / Black / Green | 32              |
| 33              | Blue / White / Orange  | 33              |
| 34              | Black / White / Orange | 34              |
| 35              | White / Red / Orange   | 35              |
| 36              | Orange / White / Blue  | 36              |
| 37              | White / Red / Gblue    | 37              |
| 38              | Black / White / Green  | 38              |
| 39              | White / Black / Green  | 39              |
| 40              | Red / White / Green    | 40              |
| 41              | Green / White / Blue   | 41              |
| 42              | Orange / Red / Green   | 42              |
| 43              | Blue / Red / Green     | 43              |
| 44              | Black / White / Blue   | 44              |
| 45              | White / Black / Blue   | 45              |
| 46              | Red / White / Blue     | 46              |
| 47              | Green / Orange / Red   | 47              |
| 48              | Orange / Red / Blue    | 48              |
| 49              | Blue / Orange / Red    | 49              |
| 50              | Black / Orange / Red   | 50              |

### Notes:

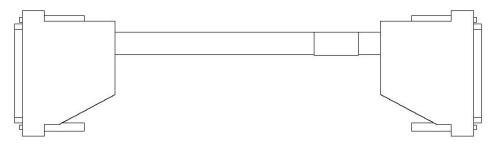
4. Connect drain wire to shield at both ends.

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# Model 3722-MTC-1.5 / 3.0

The Model 3722-MTC-1.5 / 3.0 cable is a 104-pin cable assembly (1.5m (5 ft) or 3.0m (10 ft) in length) terminated with a male D-sub connector on one end and a female D-sub connector on the other end.

Figure 5: Model 3722-MTC-1.5 / 3.0 cable



#### WARNING

Make sure the instrument that you are installing is in a powered-down state with all cables unplugged. Failure to install an instrument in a discharged state may cause personal injury or death from electrical shock. Do not exceed the maximum specifications of the switching module.

To prevent electrical shock, observe the following safety precautions:

- Both ends of the cable must be connected before applying any power to the system.
- Remove all power in the system before connecting the cable to a switching module or external circuitry.
- Both D-sub connector shells of this cable must be connected to a safety earth ground. A shock hazard exists when voltage levels greater than 30V RMS, 42.4V peak, or 60V DC are present.

## Cable maximum signal levels

The Model 3722-MTC-1.5 / 3.0 cable is rated for 300V DC or 300V RMS.

# Maximum current rating

The Model 3722-MTC-1.5 / 3.0 cable maximum current ratings are as follows:

Single conductor: 4.4A

Multiple conductors: 2.2A per wire

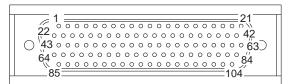
Conductor gauge: 24 AWG

#### Pin number identification

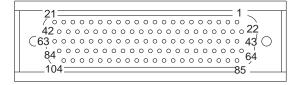
Pin number identification for the Model 3722-MTC-1.5 / 3.0 D-sub connectors are shown in Figure 6 and Table 4 below:

Figure 6: Model 3722-MTC-1.5 / 3.0 pin number identification

#### Male D-sub connector:



#### Female D-sub connector:



### Model 3722-MTC-1.5/MM / 3/MM

The Model 3722-MTC-1.5/MM / 3/MM cable is a 104-pin cable assembly (1.5m (5 ft) or 3.0m (10 ft) in length) terminated with a male D-sub connector on each end.

Figure 7: Model 3722-MTC-1.5/MM / 3/MM cable



#### WARNING

Make sure the instrument that you are installing is in a powered-down state with all cables unplugged. Failure to install an instrument in a discharged state may cause personal injury or death from electrical shock. Do not exceed the maximum specifications of the switching module.

To prevent electrical shock, observe the following safety precautions:

- Both ends of the cable must be connected before applying any power to the system.
- Remove all power in the system before connecting the cable to a switching module or external circuitry.
- Both D-sub connector shells of this cable must be connected to a safety earth ground. A shock hazard exists when voltage levels greater than 30V RMS, 42.4V peak, or 60V DC are present.

### Cable maximum signal levels

The Model 3722-MTC-1.5/MM / 3/MM cable is rated for 300V DC or 300V RMS.

# **Maximum current rating**

The Model 3722-MTC-1.5/MM / 3/MM cable maximum current ratings are as follows:

Single conductor: 4.4A

Multiple conductors: 2.2A per wire

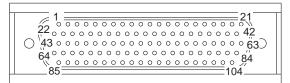
Conductor gauge: 24 AWG

### Pin number identification

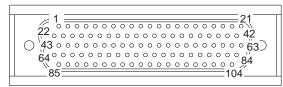
Pin number identification for the Model 3722-MTC-1.5/MM / 3/MM D-sub connectors are shown in Figure 8 and Table 4 below:

Figure 8: Model 3722-MTC-1.5/MM / 3/MM pin number identification

### Male D-sub connector:



### Male D-sub connector:



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Table 4 Model 3722-MTC-1.5 / 3.0 and Model 3722-MTC-1.5/MM / 3/MM pin number identification  $^5$ 

| CONN 1            |                    |                                      | CONN 2            |                    |
|-------------------|--------------------|--------------------------------------|-------------------|--------------------|
| First color pin # | Second color pin # | Paired wire colors <sup>6</sup>      | First color pin # | Second color pin # |
| 1                 | 2                  | Blue paired w/ White                 | 1                 | 2                  |
| 3                 | 4                  | Orange paired w/ White               | 3                 | 4                  |
| 5                 | 6                  | Green paired w/ White                | 5                 | 6                  |
| 7                 | 8                  | Brown paired w/ White                | 7                 | 8                  |
| 10                | 11                 | Slate paired w/ White                | 10                | 11                 |
| 12                | 13                 | Blue / White Striped paired w/ White | 12                | 13                 |
| 14                | 35                 | Blue / White Striped paired w/ White | 14                | 35                 |
| 15                | 16                 | Blue / Orange paired w/ White        | 15                | 16                 |
| 17                | 18                 | Blue / Green paired w/ White (s)     | 17                | 18                 |
| 19                | 20                 | Blue / Slate paired w/ White         | 19                | 20                 |
| 21                | 42                 | orange / White paired w/ White       | 21                | 42                 |
| 22                | 23                 | Orange / Green paired w/ White       | 22                | 23                 |
| 24                | 25                 | Orange / Brown paired w/ White       | 24                | 25                 |
| 26                | 27                 | Orange / Slate paired w/ White       | 26                | 27                 |
| 28                | 29                 | Green / White paired w/ White        | 28                | 29                 |
| 33                | 34                 | Green / Brown paired w/ White        | 33                | 34                 |
| 36                | 37                 | Green Slate paired w/ White          | 36                | 37                 |
| 38                | 39                 | Brown White paired w/ White          | 38                | 39                 |
| 40                | 41                 | Brown Slate paired w/ White          | 40                | 41                 |
| 43                | 44                 | Slate White paired w/ White          | 43                | 44                 |
| 45<br>45          | 46                 | Blue paired w/ Writte                | 45                | 46                 |
| 47                | 48                 | Orange paired w/ Red                 | 47                | 48                 |
| 49                | 50                 | 5 1                                  | 49                | 50                 |
|                   | 52                 | Green paired w/ Red                  | 51                |                    |
| 51                | 54                 | Brown paired w/ Red                  |                   | 52<br>54           |
| 53                | 56                 | Slate paired w/ Red                  | 53                |                    |
| 55                |                    | Blue / White paired w/ Red           | 55                | 56                 |
| 57<br>59          | 58<br>80           | Blue / Orange paired w/ Red          | 57<br>59          | 58                 |
|                   |                    | Blue / Green paired w/ Red           |                   | 80                 |
| 60                | 61                 | Blue Brown paired w/ Red             | 60                | 61                 |
| 62                | 63                 | Blue / Slate paired w/ Red           | 62                | 63                 |
| 64                | 65                 | Orange / White paired w/ Red         | 64                | 65                 |
| 66                | 67                 | Orange / Green paired w/ Red         | 66                | 67                 |
| 68                | 69                 | Orange / Brown paired w/ Red         | 68                | 69                 |
| 70                | 71                 | Orange / Slate paired w/ Red         | 70                | 71                 |
| 72                | 73                 | Green / White paired w/ Red          | 72                | 73                 |
| 74                | 75<br>77           | Green / Brown paired w/ Red          | 74                | 75                 |
| 76                | 77                 | Green / Slate paired w/ Red          | 76                | 77                 |
| 78                | 79                 | Brown / White paired w/ Red          | 78                | 79                 |
| 81                | 82                 | Brown / Slate paired w/ Red          | 81                | 82                 |
| 83                | 84                 | Slate / White paired w/ Red          | 83                | 84                 |
| 85                | 86                 | Blue paired w/ Black                 | 85                | 86                 |
| 87                | 88                 | Orange paired w/ Black               | 87                | 88                 |
| 89                | 90                 | Green paired w/ Black                | 89                | 90                 |
| 91                | 92                 | Brown paired w/ Black                | 91                | 92                 |
| 93                | 94                 | Slate paired w/ Black                | 93                | 94                 |
| 95                | 96                 | Blue / White paired w/ Black         | 95                | 96                 |
| 97                | 98                 | Blue / Orange paired w/ Black        | 97                | 98                 |
| 99                | 100                | Blue / Green paired w/ Black         | 99                | 100                |
| 101               | 102                | Blue / Brown paired w/ Black         | 101               | 102                |
| 103               | 104                | Blue / Slate paired w/ Black         | 103               | 104                |

### Notes:

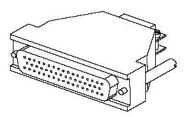
<sup>5.</sup> Connect drain wire to shield at both ends.

<sup>6.</sup> Not connected: 9, 30, 31, 32.

# Model 3790-KIT50-R

The Model 3790-KIT50-R kit is a 50-pin solder-cup connector kit terminated with a female D-sub connector.

Figure 9: 50-pin female D-sub connector kit assembled



### **WARNING**

Make sure the instrument that you are installing is in a powered-down state with all cables unplugged. Failure to install an instrument in a discharged state may cause personal injury or death from electrical shock. Do not exceed the maximum specifications of the switching module.

To prevent electrical shock, observe the following safety precautions:

- Both ends of the cable must be connected before applying any power to the system.
- Remove all power in the system before connecting the cable to a switching module or external circuitry.
- Both D-sub connector shells of this cable must be connected to a safety earth ground. A shock hazard exists when voltage levels greater than 30V RMS, 42.4V peak, or 60V DC are present.

### Maximum signal levels

The Model 3790-KIT50-R connector kit is rated for 300V RMS.

# Maximum current rating

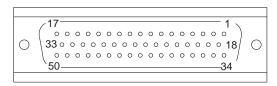
The Model 3790-KIT50-R connector kit maximum current is 7.5A.

### Pin number identification

Pin number identification for the Model 3790-KIT50-R D-sub connector is shown in Figure 10 below:

Figure 10: Model 3790-KIT50-R kit pin number identification

### Female D-sub connector:



#### Contacts

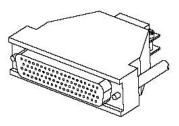
The contact is 20 AWG maximum.

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### Model 3791-KIT78-R

The Model 3791-KIT78-R kit is a 78-pin solder-cup connector kit terminated with a female D-sub connector.

Figure 11: 78-pin female D-sub connector kit assembled



### **WARNING**

Make sure the instrument that you are installing is in a powered-down state with all cables unplugged. Failure to install an instrument in a discharged state may cause personal injury or death from electrical shock. Do not exceed the maximum specifications of the switching module.

To prevent electrical shock, observe the following safety precautions:

- Both ends of the cable must be connected before applying any power to the system.
- Remove all power in the system before connecting the cable to a switching module or external circuitry.
- Both D-sub connector shells of this cable must be connected to a safety earth ground. A shock hazard exists when voltage levels greater than 30V RMS, 42.4V peak, or 60V DC are present.

### Maximum signal level

The Model 3791-KIT78-R connector kit is rated for 300V RMS.

# **Maximum current rating**

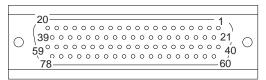
The Model 3791-KIT78-R connector kit maximum current is 5.0A.

### Pin number identification

Pin number identification for the Model 3791-KIT78-R D-sub connector is shown in Figure 12 below:

Figure 12: Model 3791-KIT78-R kit pin number identification

#### Female D-sub connector:



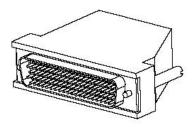
#### **Contacts**

The contact is 22 AWG maximum, and an insertion tool (not included) is required (part number 3791-CIT).

# Model 3792-KIT104-R

The Model 3792-KIT104-R kit is a 104-pin solder-cup connector kit terminated with a male D-sub connector.

Figure 13: 104-pin male D-sub connector kit assembled



#### **WARNING**

Make sure the instrument that you are installing is in a powered-down state with all cables unplugged. Failure to install an instrument in a discharged state may cause personal injury or death from electrical shock. Do not exceed the maximum specifications of the switching module.

To prevent electrical shock, observe the following safety precautions:

- Both ends of the cable must be connected before applying any power to the system.
- Remove all power in the system before connecting the cable to a switching module or external circuitry.
- Both D-sub connector shells of this cable must be connected to a safety earth ground. A shock hazard exists when voltage levels greater than 30V RMS, 42.4V peak, or 60V DC are present.

# Maximum signal level

The Model 3792-KIT104-R connector kit is rated for 300V RMS.

### **Maximum current rating**

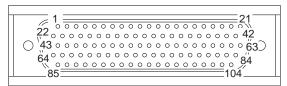
The Model 3792-KIT104-R connector kit maximum current is 5.0A.

### Pin number identification

Pin number identification for the Model 3792-KIT104-R D-sub connector is shown Figure 14 below:

Figure 14: Model 3792-KIT104-R kit pin number identification

#### Male D-sub connector:



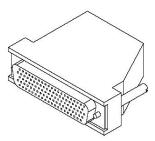
#### **Contacts**

The contact is 22 AWG maximum, and an insertion tool (not included) is required (part number 3791-CIT).

### Model 3792-KIT104-R/F

The Model 3792-KIT104-R/F kit is a 104-pin solder-cup connector kit terminated with a female D-sub connector.

Figure 15: 104-pin female D-sub connector kit assembled



#### **WARNING**

Make sure the instrument that you are installing is in a powered-down state with all cables unplugged. Failure to install an instrument in a discharged state may cause personal injury or death from electrical shock. Do not exceed the maximum specifications of the switching module.

To prevent electrical shock, observe the following safety precautions:

- Both ends of the cable must be connected before applying any power to the system.
- Remove all power in the system before connecting the cable to a switching module or external circuitry.
- Both D-sub connector shells of this cable must be connected to a safety earth ground. A shock hazard exists when voltage levels greater than 30V RMS, 42.4V peak, or 60V DC are present.

# Maximum signal level

The Model 3792-KIT104-R/F connector kit is rated for 300V RMS.

### Maximum current rating

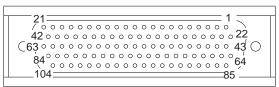
The Model 3792-KIT104-R/F connector kit maximum current is 5.0A.

#### Pin number identification

Pin number identification for the Model 3792-KIT104-R/F D-sub connector is shown in Figure 16 below:

Figure 16: Model 3792-KIT104-R/F kit pin number identification

#### Female D-sub connector:



#### **Contacts**

The contact is 22 AWG maximum, and an insertion tool (not included) is required (part number 3791-CIT).