

## Connector products to simplify wiring



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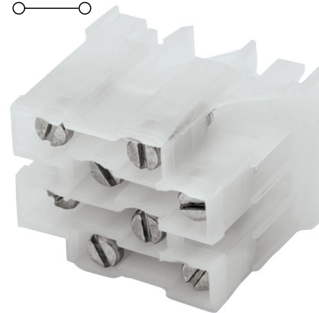
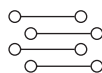
## NDN DIN-Rail feed through blocks

The NDN feed through blocks feature a compact line of terminal blocks suitable for both 35mm DIN-Rail or C-Rail applications. Products easily snap onto the mounting rail for a quick, simple, low-cost solution. Available accessories include jumpers and marking tape.

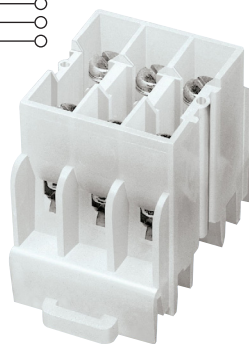
UL E62622

CSA File 15364

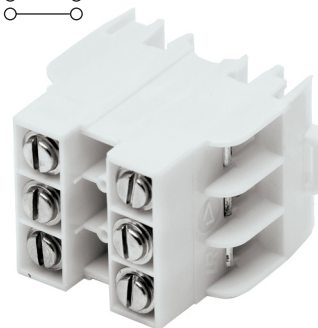
CSA File 47235 (NDN1, NDN111)



**NDNV4**



**NDN3**



**NDN63**

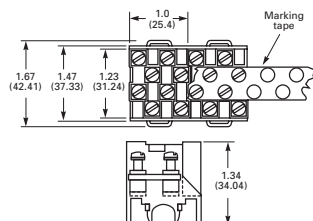
| Approval                                                 |                  |
|----------------------------------------------------------|------------------|
| Technical data                                           |                  |
| Rated voltage                                            | 600V             |
| Rated Current                                            | 30A              |
| Center spacing, in (mm)                                  | 0.25 / 6.35      |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> ) | 22-10 / 0.3-5.3  |
| Number of Poles                                          | 4                |
| Circuits per foot                                        | 48               |
| Torque(N•m)                                              | 2                |
| Torque(lb-in)                                            | 18               |
| Screw                                                    | #6-32            |
| WxHxD(mm)                                                | 25.4 x 34 x 42.4 |

| Colors             | Cat. no. |
|--------------------|----------|
| ○ White (standard) | NDNV4-WH |
| ● Black            | NDNV4-BK |

| Accessories | Cat. no. |
|-------------|----------|
| 4 circuits  | JN4      |
|             | MTC6     |

|               |                       |
|---------------|-----------------------|
| 35mm DIN-Rail | DRL35MML<br>DRL35MMHI |
| C-Rail        | NFTA<br>NRA           |

### Dimensions — in (mm)



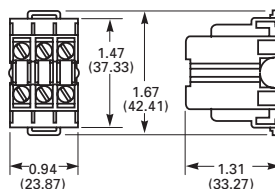
| Approval                                                 |                    |
|----------------------------------------------------------|--------------------|
| Technical data                                           |                    |
| Rated voltage                                            | 600V               |
| Rated Current                                            | 30A                |
| Center spacing, in (mm)                                  | 0.3 / 7.62         |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> ) | 22-10 / 0.3-5.3    |
| Number of Poles                                          | 3                  |
| Circuits per foot                                        | 38                 |
| Torque(N•m)                                              | 2                  |
| Torque(lb-in)                                            | 18                 |
| Screw                                                    | #6-32              |
| WxHxD(mm)                                                | 23.9 x 33.3 x 42.4 |

| Colors             | Cat. no. |
|--------------------|----------|
| ○ White (standard) | NDN3-WH  |
| ● Blue             | NDN3-BL  |

| Accessories | Cat. no. |
|-------------|----------|
| 2 circuits  | JNDN3    |
|             | MT12-1-2 |

|               |                       |
|---------------|-----------------------|
| 35mm DIN-Rail | DRL35MML<br>DRL35MMHI |
| C-Rail        | NFTA<br>NRA           |

### Dimensions — in (mm)



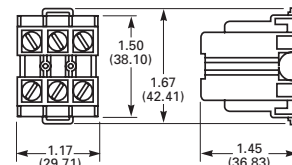
| Approval                                                 |                    |
|----------------------------------------------------------|--------------------|
| Technical data                                           |                    |
| Rated voltage                                            | 600V               |
| Rated Current                                            | 65A                |
| Center spacing, in (mm)                                  | 0.375 / 9.52       |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> ) | 18-6 / 0.8-13.3    |
| Number of Poles                                          | 3                  |
| Circuits per foot                                        | 30                 |
| Torque(N•m)                                              | 4                  |
| Torque(lb-in)                                            | 35                 |
| Screw                                                    | #10-32             |
| WxHxD(mm)                                                | 29.7 x 36.8 x 42.4 |

| Colors             | Cat. no. |
|--------------------|----------|
| ○ White (standard) | NDN63-WH |
| ● Black            | NDN63-BK |

| Accessories | Cat. no. |
|-------------|----------|
| 2 circuits  | JN1      |
|             | MT12-1-2 |

|               |                       |
|---------------|-----------------------|
| 35mm DIN-Rail | DRL35MML<br>DRL35MMHI |
| C-Rail        | NFTA<br>NRA           |

### Dimensions — in (mm)



Block

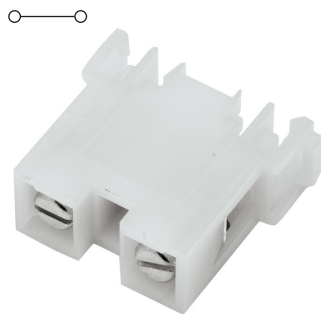


Jumper

Marking tape

Mounting

Modular option



NDN1

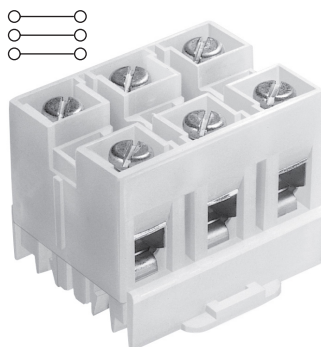
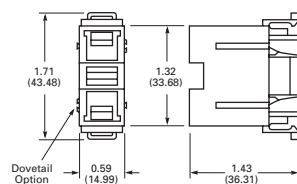
| Approval                                                 |                  |
|----------------------------------------------------------|------------------|
| Technical data                                           |                  |
| Rated voltage                                            | 600V             |
| Rated Current                                            | 90A              |
| Center spacing in (mm)                                   | 0.635 / 16.31    |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> ) | 18-2 / 0.8-33.6  |
| Number of Poles                                          | 1                |
| Circuits per foot                                        | 18               |
| Torque(N•m)                                              | 3.6              |
| Torque(lb-in)                                            | 32               |
| Screw                                                    | 1/4-28           |
| WxHxD(mm)                                                | 15 x 30.3 x 43.5 |

| Colors             | Cat. no. |
|--------------------|----------|
| ○ White (standard) | NDN1-WH  |

| Accessories | Cat. no. |
|-------------|----------|
|-------------|----------|

|               |                       |
|---------------|-----------------------|
| —             | —                     |
|               | MT12-1-2              |
| 35mm DIN-Rail | DRL35MML<br>DRL35MMHI |
| C-Rail        | NFTA<br>NRA           |

| Dimensions — in (mm) |
|----------------------|
|----------------------|



NDN111

| Approval                                                 |                    |
|----------------------------------------------------------|--------------------|
| Technical data                                           |                    |
| Rated voltage                                            | 600V               |
| Rated Current                                            | 90A                |
| Center spacing in (mm)                                   | 0.635 / 16.31      |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> ) | 18-2 / 0.8-33.6    |
| Number of Poles                                          | 3                  |
| Circuits per foot                                        | 18                 |
| Torque(N•m)                                              | 3.6                |
| Torque(lb-in)                                            | 32                 |
| Screw                                                    | 1/4-28             |
| WxHxD(mm)                                                | 47.5 x 36.6 x 43.5 |

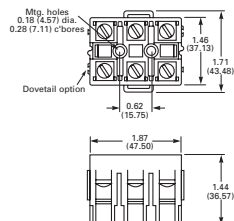
| Colors             | Cat. no.  |
|--------------------|-----------|
| ○ White (standard) | NDN111-WH |
| ● Black            | NDN111-BK |

| Accessories | Cat. no. |
|-------------|----------|
|-------------|----------|

|               |                       |
|---------------|-----------------------|
| 2 circuits    | JN1                   |
|               | MT12-1-2              |
| 35mm DIN-Rail | DRL35MML<br>DRL35MMHI |
| C-Rail        | NFTA<br>NRA           |

NDN111A-WH, NDN111A-BK

| Dimensions — in (mm) |
|----------------------|
|----------------------|



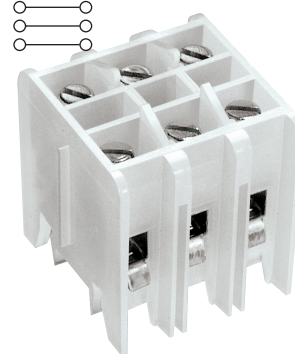
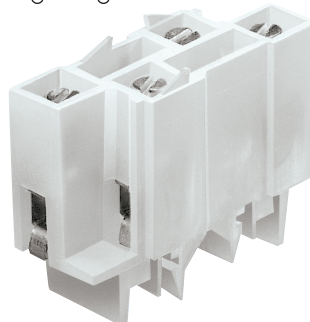
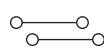
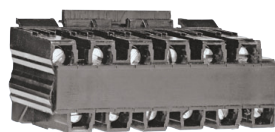
## C-Rail feed through terminal blocks

C-Rail terminal blocks provide a low-profile, compact foot-print solution for various wire connection applications. Products feature an easy, snap-on installation method and an array of accessories including jumpers and marking strips.

UL E62622 (excluding N512)

CSA File 15364

CSA File 47235 (NFT3)



**N512**

| Approval                                    | SB®                |
|---------------------------------------------|--------------------|
| Technical data                              |                    |
| Rated voltage                               | 300V 600V          |
| Rated current                               | 20A 5A             |
| Center spacing in (mm)                      | 0.197 / 5.0        |
| Conductor cross-section, flexible (AWG/mm²) | 22-12 / 0.3-3.3    |
| Number of Poles                             | 12                 |
| Circuits per foot                           | 60                 |
| Torque(N•m)                                 | 1.4                |
| Torque(lb-in)                               | 12                 |
| Screw                                       | #4-48              |
| WxHxD(mm)                                   | 61.0 x 27.7 x 22.4 |

**Colors Cat. no.**

● Black (standard) N512-BK

— —

**Accessories Cat. no.**

12 circuits JN512

AT512

C-Rail NFTA  
NRA

**NFT2**

| Approval                                    | UL® SB®            |
|---------------------------------------------|--------------------|
| Technical data                              |                    |
| Rated voltage                               | 600V               |
| Rated Current                               | 40A                |
| Center spacing in (mm)                      | 0.28 / 7.13        |
| Conductor cross-section, flexible (AWG/mm²) | 22-8 / 0.3-8.4     |
| Number of Poles                             | 2                  |
| Circuits per foot                           | 38                 |
| Torque(N•m)                                 | 2                  |
| Torque(lb-in)                               | 18                 |
| Screw                                       | #8-32              |
| WxHxD(mm)                                   | 16.5 x 34.7 x 42.8 |

**Colors Cat. no.**

○ White (standard) NFT2-WH

— —

**Accessories Cat. no.**

2 circuits JN2

MT12-1-2

C-Rail NFTA  
NRA

**NFT3**

| Approval                                    | UL® SB®            |
|---------------------------------------------|--------------------|
| Technical data                              |                    |
| Rated voltage                               | 600V               |
| Rated Current                               | 40A                |
| Center spacing in (mm)                      | 0.39 / 9.91        |
| Conductor cross-section, flexible (AWG/mm²) | 22-8 / 0.3-8.4     |
| Number of Poles                             | 3                  |
| Circuits per foot                           | 28                 |
| Torque(N•m)                                 | 2                  |
| Torque(lb-in)                               | 18                 |
| Screw                                       | #8-32              |
| WxHxD(mm)                                   | 30.0 x 32.9 x 31.4 |

**Colors Cat. no.**

○ White (standard) NFT3-WH

● Black NFT3-BK

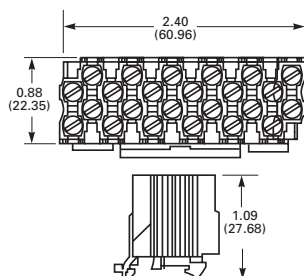
**Accessories Cat. no.**

2 circuits JN3

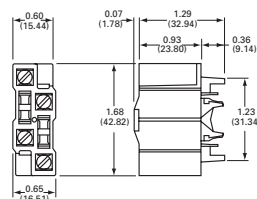
MT12-1-2

C-Rail NFTA  
NRA

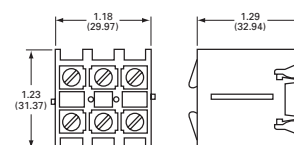
Dimensions — in (mm)



Dimensions — in (mm)



Dimensions — in (mm)



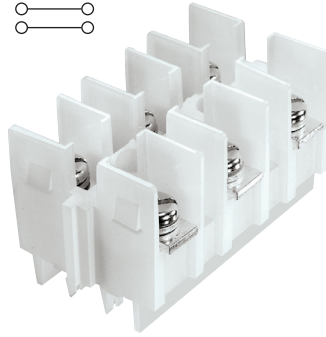
Block



Jumper

Marking tape

Mounting

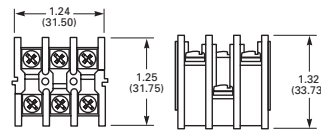
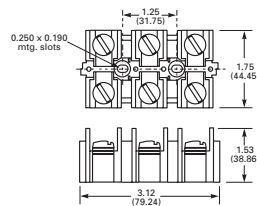
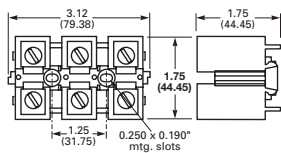

**NC3**

**NSE3**

**NSS3**

| Approval   |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Technical data                                                                                                                                                               |                            |
| Rated voltage                                                                                                                                                                | 600V                       |
| Rated Current                                                                                                                                                                | 175A                       |
| Center spacing in (mm)                                                                                                                                                       | 1.06 / 26.92               |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                     | 14-2/0 / 2.1-67.4<br>Cu/AL |
| Number of Poles                                                                                                                                                              | 3                          |
| Circuits per foot                                                                                                                                                            | 11                         |
| Torque(N•m)                                                                                                                                                                  | 5.1                        |
| Torque(lb-in)                                                                                                                                                                | 45                         |
| Screw                                                                                                                                                                        | 5/16 - 24                  |
| WxHxD(mm)                                                                                                                                                                    | 79.4 x 44.5 x 44.5         |
| Colors                                                                                                                                                                       | Cat. no.                   |
| ○ White (standard)                                                                                                                                                           | NC3-WH                     |
| —                                                                                                                                                                            | —                          |
| Accessories                                                                                                                                                                  | Cat. no.                   |
| —                                                                                                                                                                            | —                          |
| MT12-1-2                                                                                                                                                                     | —                          |
| Panel mount                                                                                                                                                                  | —                          |
| C-Rail                                                                                                                                                                       | NFTA<br>NRA                |
| Dimensions — in (mm)                                                                                                                                                         |                            |

| Approval   |                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Technical data                                                                                                                                                               |                           |
| Rated voltage                                                                                                                                                                | 600V                      |
| Rated Current                                                                                                                                                                | 115A                      |
| Center spacing in (mm)                                                                                                                                                       | 1.06 / 26.92              |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                     | Ring terminals only       |
| Number of Poles                                                                                                                                                              | 3                         |
| Circuits per foot                                                                                                                                                            | 11                        |
| Torque(N•m)                                                                                                                                                                  | 3.6                       |
| Torque(lb-in)                                                                                                                                                                | 32                        |
| Screw                                                                                                                                                                        | 1/4 - 28                  |
| WxHxD(mm)                                                                                                                                                                    | 79.2 x 38.9 x 44.5        |
| Colors                                                                                                                                                                       | Cat. no.                  |
| ○ White (standard)                                                                                                                                                           | NSE3-WH                   |
| —                                                                                                                                                                            | —                         |
| Accessories                                                                                                                                                                  | Cat. no.                  |
| 2 circuits                                                                                                                                                                   | JNSE3                     |
| MT12-1-2                                                                                                                                                                     | —                         |
| Panel mount                                                                                                                                                                  | —                         |
| C-Rail                                                                                                                                                                       | NFTA Series<br>NRA Series |
| Dimensions — in (mm)                                                                                                                                                         |                           |

| Approval   |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Technical data                                                                                                                                                                  |                     |
| Rated voltage                                                                                                                                                                   | 600V                |
| Rated Current                                                                                                                                                                   | 30A                 |
| Center spacing in (mm)                                                                                                                                                          | 0.385 / 9.77        |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                        | Ring terminals only |
| Number of Poles                                                                                                                                                                 | 3                   |
| Circuits per foot                                                                                                                                                               | 28                  |
| Torque(N•m)                                                                                                                                                                     | 1.4                 |
| Torque(lb-in)                                                                                                                                                                   | 12                  |
| Screw                                                                                                                                                                           | #6-32               |
| WxHxD(mm)                                                                                                                                                                       | 31.5 x 33.7 x 31.8  |
| Colors                                                                                                                                                                          | Cat. no.            |
| ○ White (standard)                                                                                                                                                              | NSS3-WH             |
| —                                                                                                                                                                               | —                   |
| Accessories                                                                                                                                                                     | Cat. no.            |
| 2 circuits                                                                                                                                                                      | JNSS3               |
| MT12-1-2                                                                                                                                                                        | —                   |
| Panel mount                                                                                                                                                                     | —                   |
| C-Rail                                                                                                                                                                          | NFTA<br>NRA         |
| Dimensions — in (mm)                                                                                                                                                            |                     |



## DIN-Rail depluggable blocks

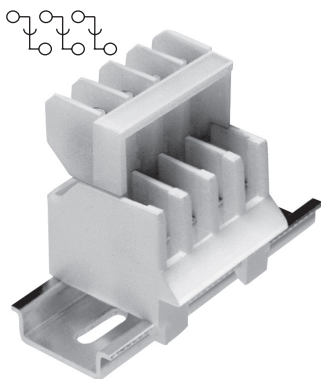
Depluggable terminal blocks are available for both 35mm DIN-Rail and C-Rail applications. These blocks provide a simple depluggable\* option for panel wiring applications with the convenience of quick, easy, snap-on installation. Product accessories such as jumpers and marking tape are available for most products.

UL E62622

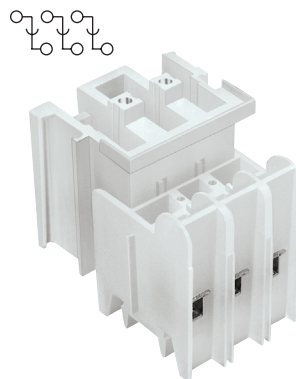
CSA File 15364

CSA File 47235 (15188 Series)

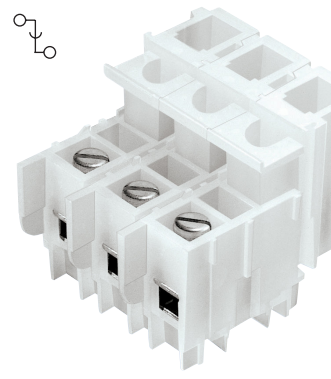
\* Not for use as a load break disconnect.



**15188**



**PLU3**



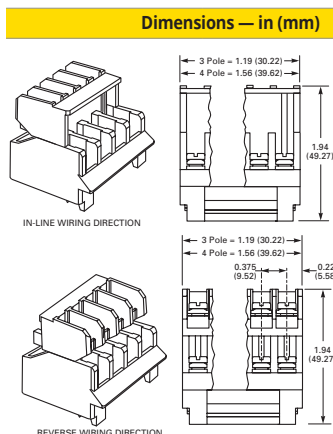
**PLU1**

| Approval   |                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Technical data                                                                                                                                                               |                    |
| Rated voltage                                                                                                                                                                | 600V               |
| Rated Current                                                                                                                                                                | 30A                |
| Center spacing in (mm)                                                                                                                                                       | 0.375 / 9.52       |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                     | 16-12 / 1.3-3.3    |
| Number of Poles                                                                                                                                                              | 3 or 4             |
| Circuits per foot                                                                                                                                                            | 32                 |
| Torque(N•m)                                                                                                                                                                  | 1.4                |
| Torque(lb-in)                                                                                                                                                                | 12                 |
| Screw                                                                                                                                                                        | #6-32              |
|                                                                                                                                                                              | WxHxD(mm)          |
| 3-Pole                                                                                                                                                                       | 30.2 x 49.3 x 47.8 |
| 4-Pole                                                                                                                                                                       | 39.2 x 49.3 x 47.8 |

| Colors             | Cat. no. |
|--------------------|----------|
| ○ White (standard) | 15188-3  |
| ○ White (standard) | 15188-4  |

| Accessories      | Cat. no.               |
|------------------|------------------------|
| 2 circuits       | 15188J-2-J, J15188     |
| —                | —                      |
| 35mm DIN-Rail    | DRL35MMLO<br>DRL35MMHI |
| Reverse Wiring   | 15188-_R               |
| Locking          | 15188-_S               |
| Reverse; Locking | 15188-_RS              |

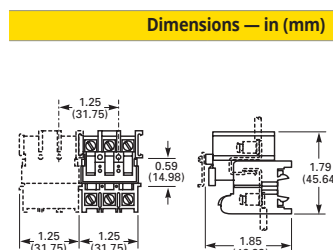
Options offered for both pole lengths



| Approval   |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Technical data                                                                                                                                                                |                    |
| Rated voltage                                                                                                                                                                 | 600V               |
| Rated Current                                                                                                                                                                 | 40A                |
| Center spacing in (mm)                                                                                                                                                        | 0.39 / 9.91        |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                      | 22-8 / 0.3-8.4     |
| Number of Poles                                                                                                                                                               | 3                  |
| Circuits per foot                                                                                                                                                             | 28                 |
| Torque(N•m)                                                                                                                                                                   | 2                  |
| Torque(lb-in)                                                                                                                                                                 | 18                 |
| Screw                                                                                                                                                                         | #8-32              |
|                                                                                                                                                                               | WxHxD(mm)          |
| 3-Pole                                                                                                                                                                        | 31.8 x 47.0 x 45.6 |

| Colors             | Cat. no. |
|--------------------|----------|
| ○ White (standard) | PLU3-WH  |
| ● Black            | PLU3-BK  |

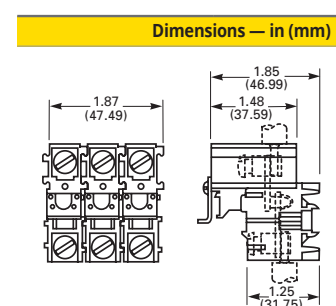
| Accessories | Cat. no.    |
|-------------|-------------|
| 2 circuits  | JN3         |
| —           | MT12-1-2    |
| C-Rail (AL) | NFTA<br>NRA |

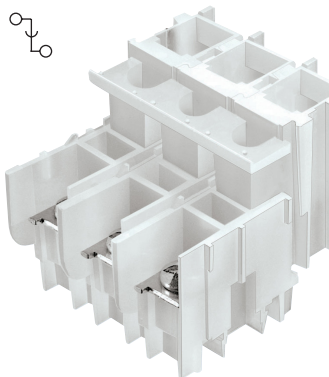


| Approval   |                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Technical data                                                                                                                                                                   |                    |
| Rated voltage                                                                                                                                                                    | 600V               |
| Rated Current                                                                                                                                                                    | 70A                |
| Center spacing in (mm)                                                                                                                                                           | 0.3 / 7.62         |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                         | 18-4 / 0.8-21.2    |
| Number of Poles                                                                                                                                                                  | 1 - 3              |
| Circuits per foot                                                                                                                                                                | 19                 |
| Torque(N•m)                                                                                                                                                                      | 3.6                |
| Torque(lb-in)                                                                                                                                                                    | 32                 |
| Screw                                                                                                                                                                            | 1/4 - 28           |
|                                                                                                                                                                                  | WxHxD(mm)          |
| 1-Pole                                                                                                                                                                           | 18.5 x 47.0 x 45.6 |
| 2-Pole                                                                                                                                                                           | 34.0 x 47.0 x 45.6 |
| 3-Pole                                                                                                                                                                           | 49.5 x 47.0 x 45.6 |

| Colors           | Cat. no.  |
|------------------|-----------|
| ○ White (1-Pole) | PLU1-WH   |
| ○ White (2-Pole) | PLU11-WH  |
| ○ White (3-Pole) | PLU111-WH |

| Accessories | Cat. no.    |
|-------------|-------------|
| 2 circuits  | JN1         |
| —           | MT12-1-2    |
| C-Rail (AL) | NFTA<br>NRA |



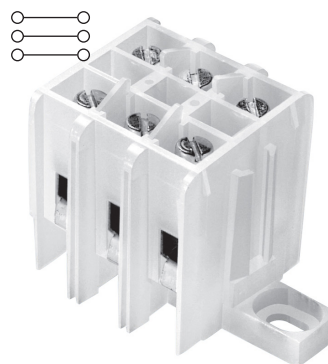
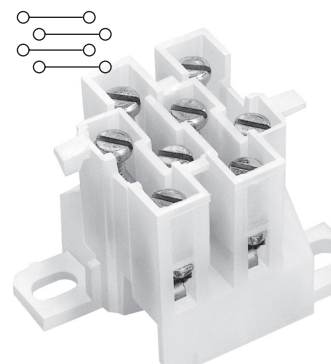

**PSU1**

## Panel mount multi-pole blocks

Multi-pole panel mount terminal blocks provide a compact, high density circuit connection solution without the necessity of a mounting rail. These products are designed to be nested together to form one string of circuit connections.

UL E62622

CSA 15364


**KT3**

**KT4**

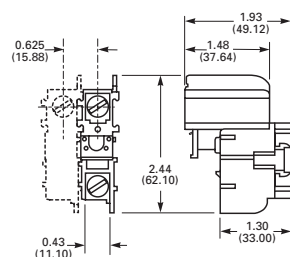
Connector  
products

| Approval   |                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Technical data                                                                                                                                                               |                                 |
| Rated voltage                                                                                                                                                                | 600V                            |
| Rated Current                                                                                                                                                                | 45A                             |
| Center spacing in (mm)                                                                                                                                                       | 0.625 / 15.88                   |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                     | Ring terminals only             |
| Number of Poles                                                                                                                                                              | 1 - 3                           |
| Circuits per foot                                                                                                                                                            | 19                              |
| Torque(N•m)                                                                                                                                                                  | 2.7                             |
| Torque(lb-in)                                                                                                                                                                | 24                              |
| Screw                                                                                                                                                                        | #10-32                          |
| 3-Pole                                                                                                                                                                       | WxHxD(mm)<br>50.3 x 49.1 x 62.1 |
| Colors                                                                                                                                                                       | Cat. no.                        |

○ White (3-Pole) PSU111-WH

| Accessories | Cat. no.    |
|-------------|-------------|
| —           | —           |
| —           | MT12-1-2    |
| C-Rail (AL) | NFTA<br>NRA |

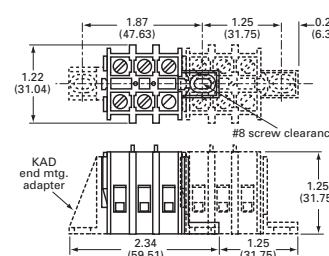
### Dimensions — in (mm)



| Approval   |                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Technical data                                                                                                                                                                   |                    |
| Rated voltage                                                                                                                                                                    | 600V               |
| Rated Current                                                                                                                                                                    | 40A                |
| Center spacing in (mm)                                                                                                                                                           | 0.39 / 9.91        |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                         | 22-8 / 0.3-8.4     |
| Number of Poles                                                                                                                                                                  | 3                  |
| Circuits per foot                                                                                                                                                                | 28                 |
| Torque(N•m)                                                                                                                                                                      | 2                  |
| Torque(lb-in)                                                                                                                                                                    | 18                 |
| Screw                                                                                                                                                                            | #8-32              |
| WxHxD(mm)                                                                                                                                                                        | 59.5 x 31.8 x 31.0 |

| Colors             | Cat. no. |
|--------------------|----------|
| ○ White (standard) | KT3-WH   |
| Accessories        | Cat. no. |
| 2 circuits         | JN3      |
| —                  | MT12-1-2 |
| Panel mount        | —        |
| • Mounting foot    | KAD      |

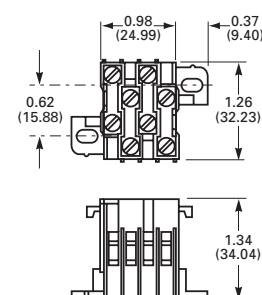
### Dimensions — in (mm)



| Approval   |                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Technical data                                                                                                                                                                   |                    |
| Rated voltage                                                                                                                                                                    | 600V               |
| Rated Current                                                                                                                                                                    | 30A                |
| Center spacing in (mm)                                                                                                                                                           | 0.25 / 6.35        |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                         | 22-10 / 0.3-5.3    |
| Number of Poles                                                                                                                                                                  | 4                  |
| Circuits per foot                                                                                                                                                                | 48                 |
| Torque(N•m)                                                                                                                                                                      | 2                  |
| Torque(lb-in)                                                                                                                                                                    | 18                 |
| Screw                                                                                                                                                                            | #6-32              |
| WxHxD(mm)                                                                                                                                                                        | 43.8 x 34.0 x 32.2 |

| Colors      | Cat. no.  |
|-------------|-----------|
| ○ White     | KT4-WH-A* |
| ○ White     | KT4-WH-B* |
| Accessories | Cat. no.  |
| 4 circuits  | JN4       |
| —           | MTC6      |
| Panel mount | —         |

### Dimensions — in (mm)



\* The KT4 products are designed to be nested together to form one string of circuit connectors. When used in series, order catalog numbers KT4-WH-A and KT4-WH-B.

Block



Jumper  
Marking tape

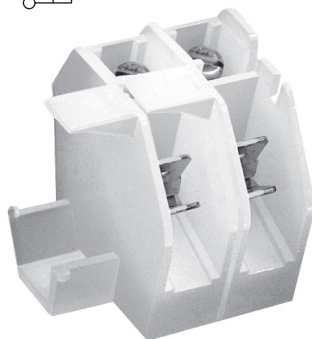
Mounting

## Panel mount quick-connect blocks

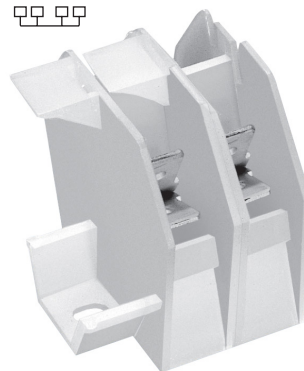
A time saving alternative for electrical connections, the Bussmann series quick-connect terminal blocks offer a convenient solution. With male spade terminals, wire connections are made quickly and simply with these terminal blocks.

UL E62622

CSA 15364



**BNQ21**



**BQQ41**

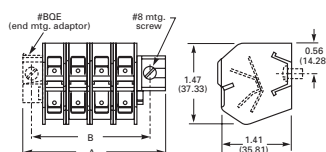
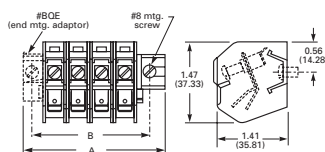
| Approval   |                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Technical data                                                                                                                                                               |                    |
| Rated voltage                                                                                                                                                                | 600V               |
| Rated Current                                                                                                                                                                | 40A                |
| Center spacing in (mm)                                                                                                                                                       | 0.437 / 11.1       |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                     | 22-8 / 0.3-8.4     |
| Number of Poles                                                                                                                                                              | 1                  |
| Circuits per foot                                                                                                                                                            | 24                 |
| Torque(N•m)                                                                                                                                                                  | 2                  |
| Torque(lb-in)                                                                                                                                                                | 18                 |
| Screw                                                                                                                                                                        | #8-32              |
| WxHxD(mm)                                                                                                                                                                    | 33.3 x 35.8 x 37.3 |
| Colors Cat. no.                                                                                                                                                              |                    |
| ○ White (standard)                                                                                                                                                           | BNQ21-WH           |
| Accessories Cat. no.                                                                                                                                                         |                    |
| —                                                                                                                                                                            | —                  |
| Mounting                                                                                                                                                                     |                    |
| Panel mount                                                                                                                                                                  | —                  |
| • Mounting foot                                                                                                                                                              | BQE                |
| Dimensions — in (mm)                                                                                                                                                         |                    |

| Approval   |                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Technical data                                                                                                                                                                |                                    |
| Rated voltage                                                                                                                                                                 | 600V                               |
| Rated Current                                                                                                                                                                 | 30A                                |
| Center spacing in (mm)                                                                                                                                                        | 0.437 / 11.1                       |
| Conductor cross-section, flexible (AWG/mm <sup>2</sup> )                                                                                                                      | 0.25" Quick-connect terminals only |
| Number of Poles                                                                                                                                                               | 1                                  |
| Circuits per foot                                                                                                                                                             | 24                                 |
| Torque(N•m)                                                                                                                                                                   | NA                                 |
| Torque(lb-in)                                                                                                                                                                 | NA                                 |
| Screw                                                                                                                                                                         | NA                                 |
| WxHxD(mm)                                                                                                                                                                     | 33.3 x 35.8 x 37.3                 |
| Colors Cat. no.                                                                                                                                                               |                                    |
| ○ White (standard)                                                                                                                                                            | BQQ41-WH                           |
| Accessories Cat. no.                                                                                                                                                          |                                    |
| —                                                                                                                                                                             | —                                  |
| Mounting                                                                                                                                                                      |                                    |
| Panel mount                                                                                                                                                                   | —                                  |
| • Mounting foot                                                                                                                                                               | BQE                                |
| Dimensions — in (mm)                                                                                                                                                          |                                    |

Block



Mounting



## C7021 power feed through terminal blocks

Power feed through terminal block with two rows 1/4-20 studs capable of accommodating the industry standard two-hole compression lugs on both studs in parallel.



### Ratings

- Volts 300 V
- Amps 115/175 A\* per pole
- \* 175 achieved using both studs in parallel, 115 A using a single stud per line.

### Agency information

- cURus, Guides XCFR2, XCFR8, File E62622
- CE

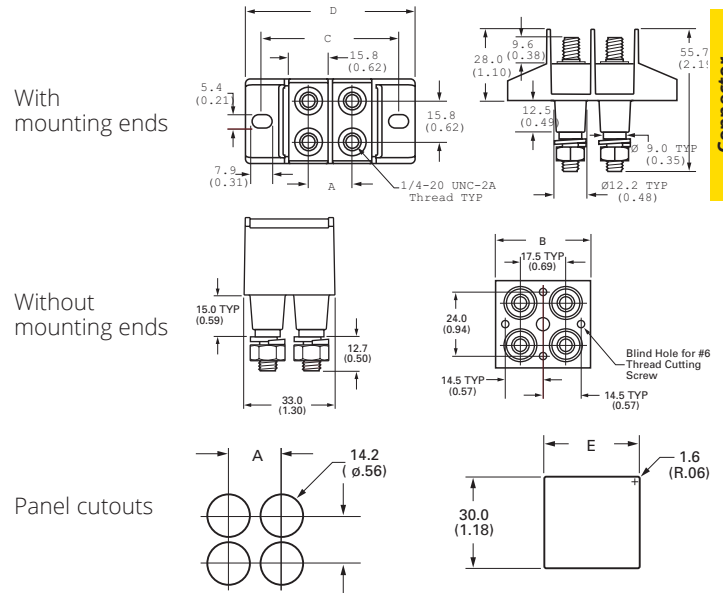
### Specifications

- Poles: 1- to 6
- Wire range: AWG #3/0-8
- Center spacing: 0.69" (18mm)
- Bolt hole spacing: 0.625" or 5/8" (16mm)
- Stud: Standard 1/4-20 stud (tin-plated brass) or optional M6 stud.
- Mounting: #6 thread cutting screws (not included) or optional mounting ends.
- Torque: 36 lb-in.
- Operating temperature: 130°C (266°F) max.

### Typical applications

- Applications requiring up to 175 A utilizing a 2-hole compression lug on 5/8" centers
- Input/output block for telecommunications power panels
- To eliminate busbars

### Dimensions — mm (in)



| Catalog no.                              | A           | B            | C            | D            | E            |
|------------------------------------------|-------------|--------------|--------------|--------------|--------------|
| <b>C7021-01-X with mounting ends</b>     |             |              |              |              |              |
| C7021-02-X                               | 17.5 (0.69) | —            | 54.4 (2.14)  | 67.3 (2.65)  | 31.8 (1.25)  |
| C7021-03-X                               | 34.9 (1.37) | —            | 70.9 (2.83)  | 84.8 (3.34)  | 49.2 (1.94)  |
| C7021-04-X                               | 52.3 (2.06) | —            | 89.3 (3.52)  | 102.2 (4.02) | 66.7 (2.63)  |
| C7021-05-X                               | 69.8 (2.75) | —            | 106.8 (4.20) | 119.7 (4.71) | 84.2 (3.31)  |
| C7021-06-X                               | 87.2 (3.44) | —            | 124.2 (4.89) | 134.1 (5.40) | 101.7 (4.00) |
| <b>C7021-01N-X without mounting ends</b> |             |              |              |              |              |
| C7021-02N-X                              | 17.5 (0.69) | 36.1 (1.42)  | —            | —            | 31.8 (1.25)  |
| C7021-03N-X                              | 34.9 (0.69) | 53.5 (2.11)  | —            | —            | 49.2 (1.94)  |
| C7021-04N-X                              | 52.3 (2.06) | 71.0 (2.80)  | —            | —            | 66.7 (2.63)  |
| C7021-05N-X                              | 69.8 (2.75) | 88.4 (3.48)  | —            | —            | 84.2 (3.31)  |
| C7021-06N-X                              | 87.2 (3.44) | 105.9 (4.17) | —            | —            | 101.7 (4.00) |

### Catalog number build-a-code

| Symbol | Poles                  | Mount ends         | Studs            | Hardware                 |
|--------|------------------------|--------------------|------------------|--------------------------|
| C7021  |                        |                    |                  | —                        |
|        | 01 = 1-pole (2 studs)  | Blank = Mount ends | Blank = Standard | Blank = No hardware      |
|        | 02 = 2-pole (4 studs)  | N = No mount ends  | M6 = M6 studs    | 0 = Bulk pack, one set   |
|        | 03 = 3-pole (6 studs)  |                    |                  | 1 = Bulk pack, two sets  |
|        | 04 = 4-pole (8 studs)  |                    |                  | 2 = Assembled, bottom    |
|        | 05 = 5-pole (10 studs) |                    |                  | 3 = Assembled, top       |
|        | 06 = 6-pole (12 studs) |                    |                  | 4 = Assembled, both sets |

## TB100 double row terminal blocks

## Ratings\*

- 300 V
- 30 A
- Breakdown voltage: 3600 V

\* Maximum rating shown; some options may be rated lower.

## Agency information

- cULus file E62622; IEC Compliance; CE

## Specifications

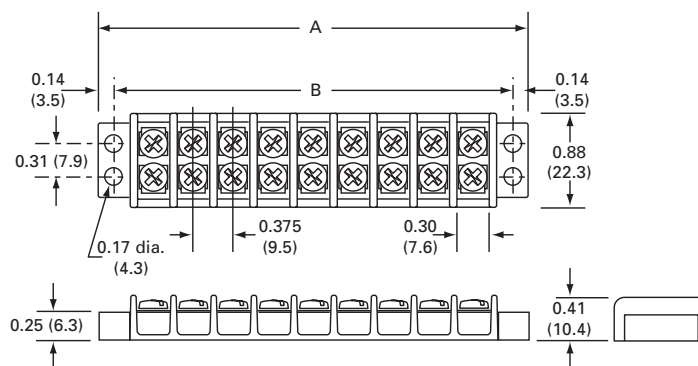
- Poles: 2 to 36
- Center spacing: 0.375" or 3/8" (10mm)
- Screw size: #6-32 phil-slot screws
- Wire range and torque rating:
  - 14 - 22 AWG Cu @ 9 in-lbs
  - 12 AWG Cu @ 15 in-lbs
- Distance between barriers: 0.30" (8mm)
- Mounting: #6 screws
- Operating temperature: -40°C to 130°C (-40°F to 266°F)

## Materials

- Molded black thermoplastic base, UL rated 94V0
- Tin-plated brass terminals
- Zinc-plated steel screws



## Dimensions — in



| Poles | A    | B    | Poles | A     | B    | Poles | A     | B     |
|-------|------|------|-------|-------|------|-------|-------|-------|
| 02    | 1.40 | 1.12 | 14    | 5.90  | 5.62 | 26    | 10.40 | 10.12 |
| 03    | 1.78 | 1.50 | 15    | 6.28  | 6.00 | 27    | 10.78 | 10.50 |
| 04    | 2.16 | 1.88 | 16    | 6.66  | 6.38 | 28    | 11.16 | 10.88 |
| 05    | 2.53 | 2.25 | 17    | 7.03  | 6.75 | 29    | 11.53 | 11.25 |
| 06    | 2.90 | 2.62 | 18    | 7.40  | 7.12 | 30    | 11.90 | 11.62 |
| 07    | 3.28 | 3.00 | 19    | 7.78  | 7.50 | 31    | 12.28 | 12.00 |
| 08    | 3.66 | 3.38 | 20    | 8.16  | 7.88 | 32    | 12.66 | 12.38 |
| 09    | 4.03 | 3.75 | 21    | 8.53  | 8.25 | 33    | 13.03 | 12.75 |
| 10    | 4.40 | 4.12 | 22    | 8.90  | 8.62 | 34    | 13.40 | 13.12 |
| 11    | 4.78 | 4.50 | 23    | 9.28  | 9.00 | 35    | 13.78 | 13.50 |
| 12    | 5.16 | 4.88 | 24    | 9.66  | 9.38 | 36    | 14.16 | 13.88 |
| 13    | 5.53 | 5.25 | 25    | 10.03 | 9.75 |       |       |       |

1" = 25.4mm.

## Catalog number build-a-code

| Symbol | Poles    | Screw options                                                                                                                                    | Marking/cover                                                                    | Hardware options                                                                                                                                            |
|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TB100  | —        |                                                                                                                                                  |                                                                                  |                                                                                                                                                             |
|        | 02 to 36 | Blank = steel phil-slot, zinc-plated<br>00 = screws shipped bulk<br>B = brass phil-slot, nickel-plated<br>SP = steel SEMS phil-slot, zinc-plated | L1 to L6<br>Marking options, see page 10-16<br>Special markings†, see page 10-16 | QC1 to QC20 = Quick-connects<br>Custom options†<br>J101 = flat slip-on jumper (2 position only)<br>OJ2 = over barrier jumpers<br>OJ4 = over barrier jumpers |

† Contact factory for configuration.

## Accessories

- Marker strips, see page 10-17
- Covers, see page 10-16

## Screw options



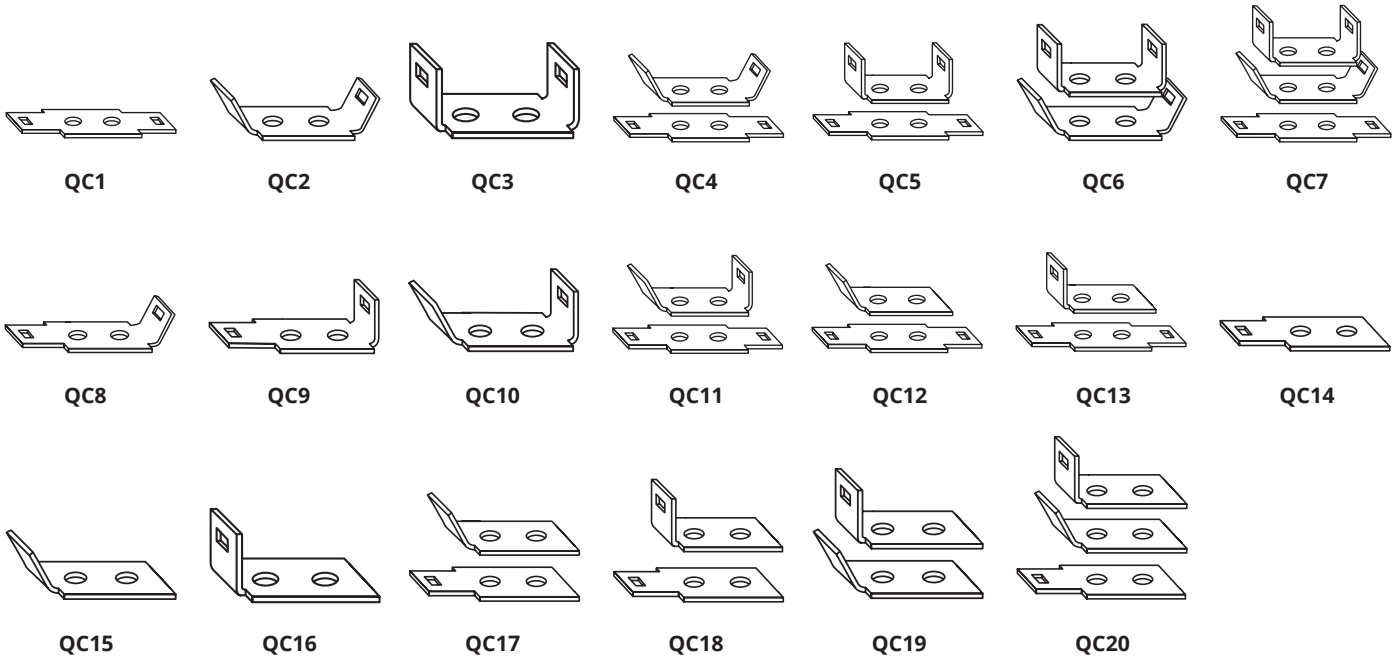
Brass phil-slot, nickel-plated  
**F502-J** (bulk)



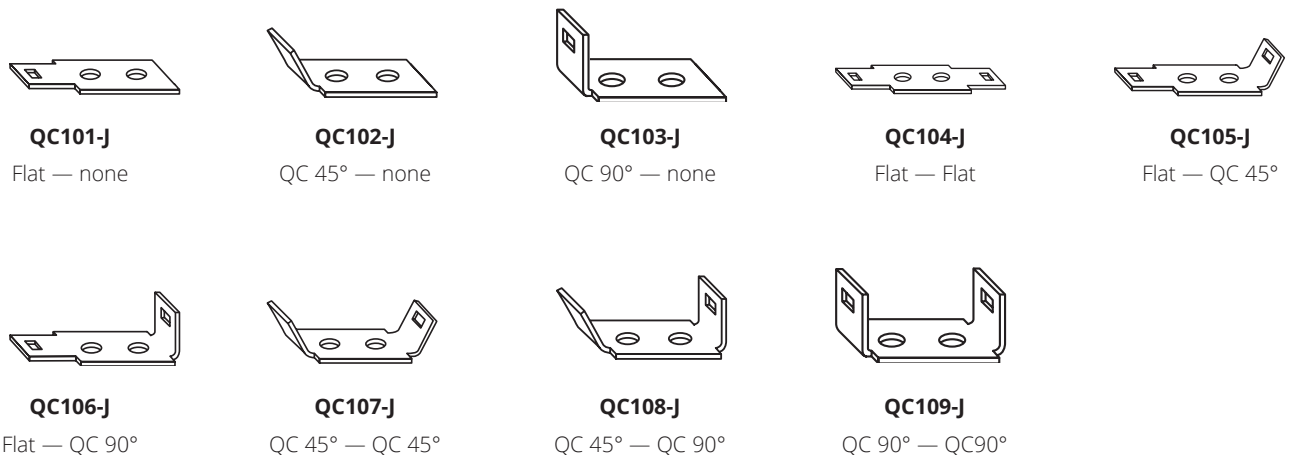
Steel SEMS phil-slot, zinc-plated  
**B001-7021-J** (bulk)

## Hardware options

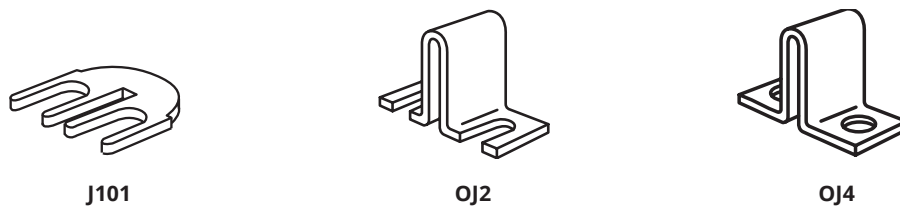
Quick-connects — assembled: 0.187" x 0.020" terminals, 13 amps maximum. For other orientations, contact factory.



Quick-connects — bulk: minimum order 100 pieces per catalog number.



Jumpers — bulk: minimum order 100 pieces per catalog number. Contact factory for jumper assembly.



**J101**  
Flat slip-on (bulk: **J101-J**)

**OJ2**  
Slip-on over barrier (bulk: **OJ2-J**)

**OJ4**  
Closed over barrier (bulk: **OJ4-J**)

## TB200 and TB200HB double row terminal blocks

## Ratings\*

- Volts
  - 300 V (TB200)
  - 600 V (TB200HB)
- Amps 30 A
- Breakdown voltage 4800 V

\* Maximum rating shown; some options may be rated lower.

## Agency information

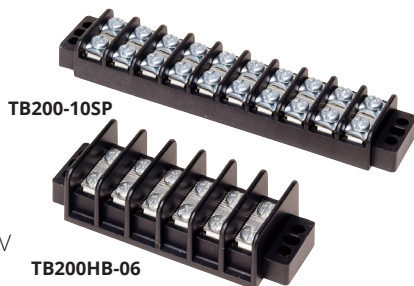
- cULus File E62622; IEC Compliance; CE

## Specifications

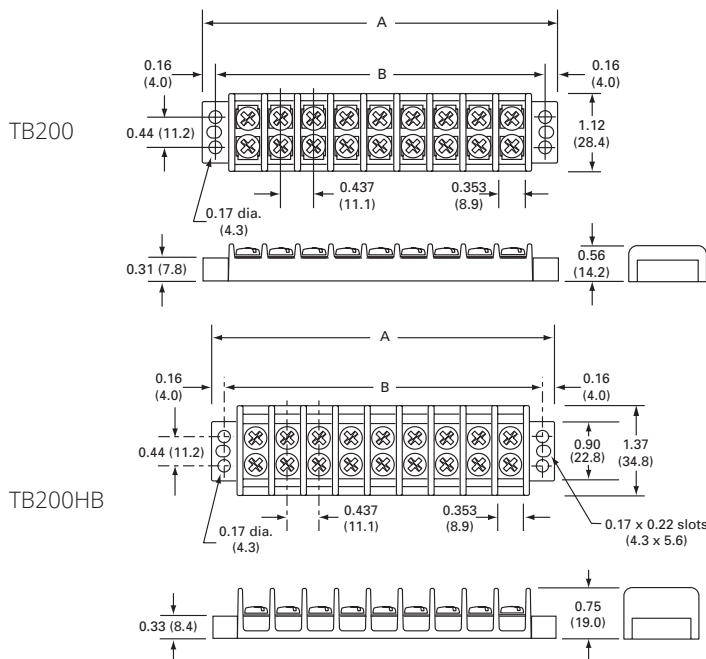
- Poles: 2 to 30
- Center spacing: 0.437" or 7/16" (11mm)
- Screw size: #6-32 phil-slot screws
- Wire range and torque rating:
  - 14 - 22 AWG Cu @ 9 in-lbs
  - 12 AWG (Str) Cu @ 12 in-lbs
  - 12 AWG (Sol) Cu @ 18 in-lbs
- Distance between barriers: 0.353" (9mm)
- Mounting: #6 screws
- Operating temperature: -40°C to 130°C (-40°F to 266°F)

## Materials

- Molded black thermoplastic base UL rated 94V0
- Terminal plating: Tin-plated brass terminals
- Zinc-plated steel screws



## Dimensions — in



| Poles | A    | B    | Poles | A    | B    | Poles | A     | B     |
|-------|------|------|-------|------|------|-------|-------|-------|
| 02    | 1.63 | 1.31 | 12    | 6.00 | 5.68 | 22    | 10.37 | 10.06 |
| 03    | 2.07 | 1.75 | 13    | 6.44 | 6.12 | 23    | 10.81 | 10.50 |
| 04    | 2.51 | 2.18 | 14    | 6.87 | 6.56 | 24    | 11.25 | 10.93 |
| 05    | 2.94 | 2.62 | 15    | 7.31 | 7.00 | 25    | 11.68 | 11.37 |
| 06    | 3.38 | 3.06 | 16    | 7.75 | 7.43 | 26    | 12.12 | 11.81 |
| 07    | 3.82 | 3.50 | 17    | 8.19 | 7.87 | 27    | 12.56 | 12.25 |
| 08    | 4.25 | 3.93 | 18    | 8.62 | 8.31 | 28    | 13.00 | 12.68 |
| 09    | 4.69 | 4.37 | 19    | 9.06 | 8.75 | 29    | 13.44 | 13.12 |
| 10    | 5.13 | 4.81 | 20    | 9.50 | 9.18 | 30    | 13.87 | 13.56 |
| 11    | 5.57 | 5.25 | 21    | 9.94 | 9.62 |       |       |       |

1" = 25.4mm.

## Catalog number build-a-code

| Symbol | Barrier style        | Poles    | Screw options                            | Marking/cover                              | Hardware options                            |
|--------|----------------------|----------|------------------------------------------|--------------------------------------------|---------------------------------------------|
| TB     |                      | —        |                                          |                                            |                                             |
|        | 200 = Standard       | 02 to 30 | Blank = Steel phil-slot, zinc-plated     | L1 to L6 = Marking options, see page 10-16 | QC1 to QC20 = Quick-connects                |
|        | 200HB = High barrier |          | 00 = Screws shipped bulk                 | Special markings†, see page 10-16          | Custom options†                             |
|        |                      |          | B = Brass phil-slot, nickel-plated       |                                            | J201 = Flat slip-on jumper, 2 position only |
|        |                      |          | BS = Brass SEMS phil-slot, nickel-plated |                                            | OJ3 = Over barrier jumpers                  |
|        |                      |          | P = Steel SEMS (P-style)                 |                                            | OJ5 = Over barrier jumpers                  |
|        |                      |          | SP = Steel SEMS phil-slot, zinc-plated   |                                            | OJ7 = Over barrier jumpers                  |
|        |                      |          | SS = Stainless steel SEMS, phil-slot     |                                            |                                             |
|        |                      |          | ST = Stainless steel, phil-slot          |                                            |                                             |

† Contact factory for configuration.

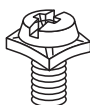
## Accessories

- Marker strips, see page 10-17
- Covers, see page 10-16

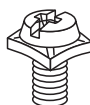
## Screw options


**B**

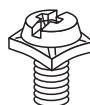
Brass phil-slot  
nickel-plated  
**B001-7016-J** (bulk)


**BS**

Brass SEMS phil-slot  
nickel-plated  
**B001-7019-J** (bulk)


**SP**

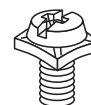
Steel SEMS phil-slot  
zinc-plated  
**B001-7007-J** (bulk)


**P**

Steel SEMS  
(P-style)  
**B001-7000-J** (bulk)


**ST**

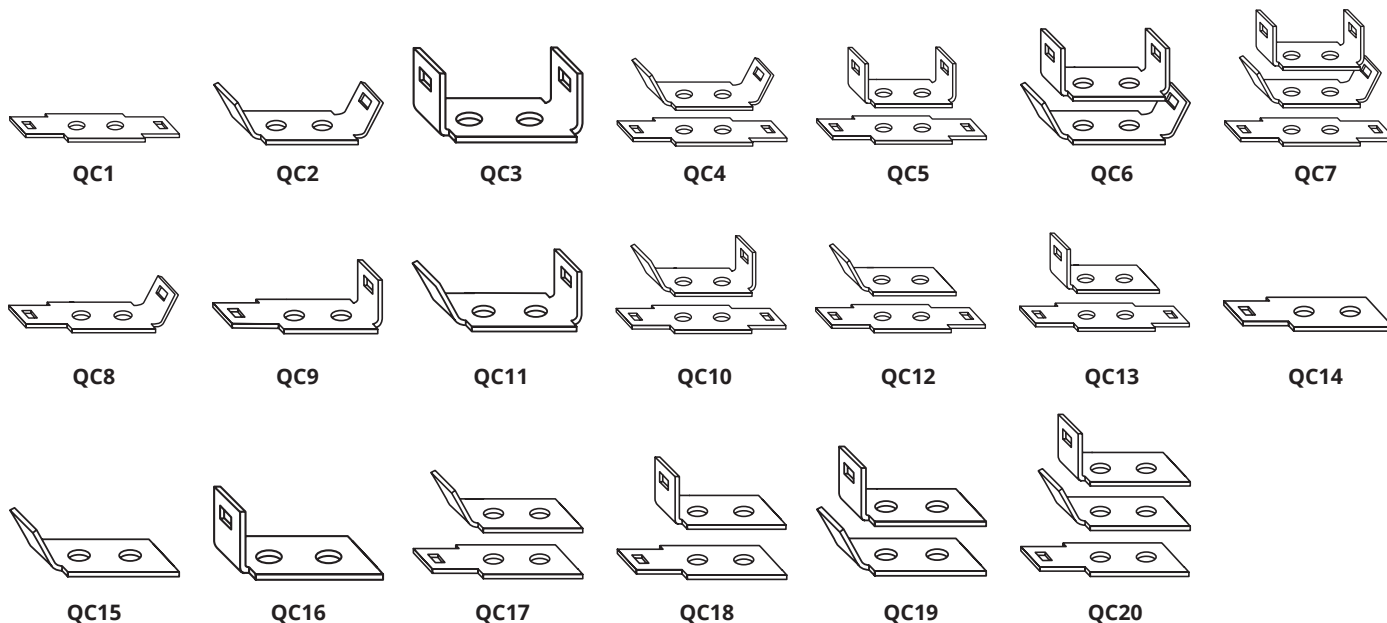
Stainless steel phil-slot  
**F507-J** (bulk)


**SS**

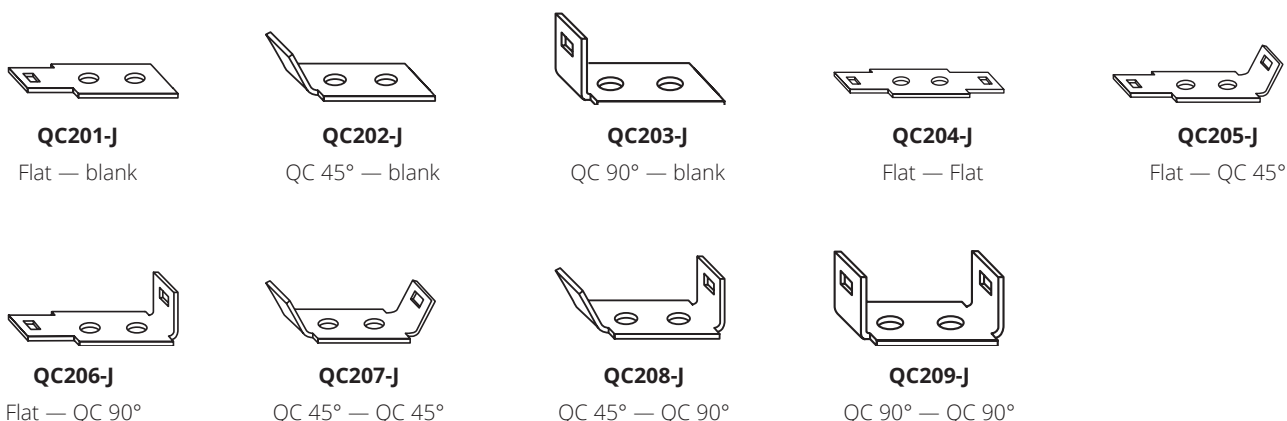
Stainless steel SEMS  
phil-slot  
**B001-7085-J** (bulk)

## Hardware options

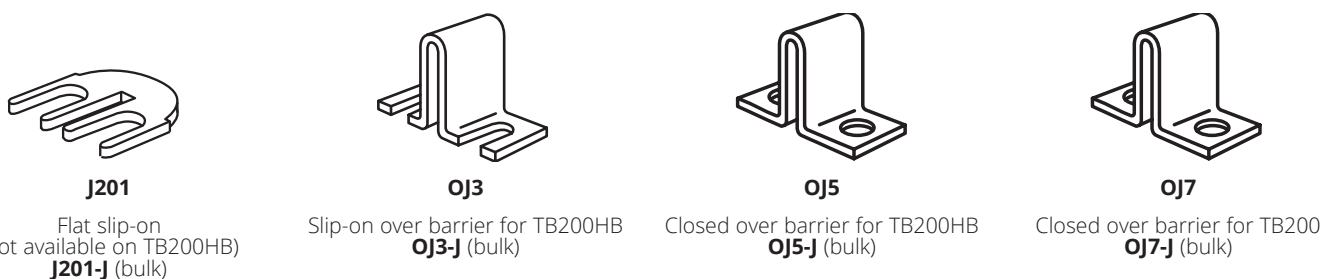
Quick-connects — assembled: 0.25" x 0.031" terminals, 20 amps maximum. For other orientations, contact factory.



Quick-connects — bulk: minimum order 100 pieces per catalog number.



Jumpers — bulk: minimum. order 100 pieces per catalog number. Contact factory for jumper assembly.



Flat slip-on  
(not available on TB200HB)  
**J201-J** (bulk)

Slip-on over barrier for TB200HB  
**OJ3-J** (bulk)

Closed over barrier for TB200HB  
**OJ5-J** (bulk)

Closed over barrier for TB200  
**OJ7-J** (bulk)

## TB300 and TB345 double row terminal blocks

## Ratings\*

- Volts 600 V
- Amps
  - 30 A (TB300)
  - 45 A (TB345)
- Breakdown voltage 7500 V

\* Maximum rating shown; some options may be rated lower.



## Agency information

cULus File E62622; IEC Compliance; CE

## Specifications

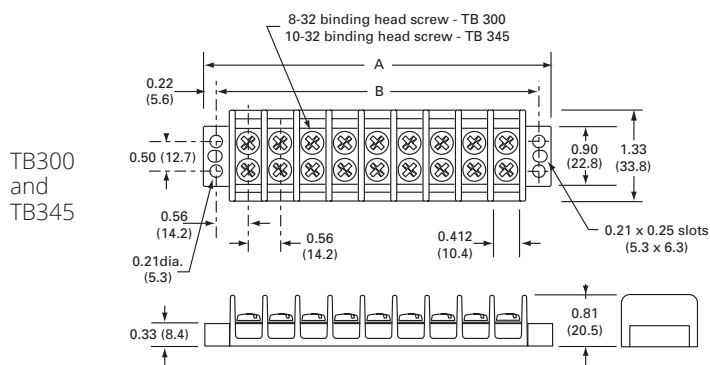
- Poles: 2 to 24
- Center spacing: 0.562" or 9/16" (14mm)
- Screw size
  - TB300 — #8-32 phil-slot screws
  - TB345 — #10-32 phil-slot screws
- Wire range and torque rating
  - TB300:
    - 12 - 22 AWG Cu @ 15 in-lbs
    - 10 AWG Cu @ 21 in-lbs
  - TB345:
    - 10 - 22 AWG Cu 20 in-lbs
    - 8 AWG @ 26 in-lbs

- Distance between barriers: 0.41" (10mm)
- Mounting
  - TB300 — #8 screws
  - TB345 — #10 screws
- Operating temperature: -40°C to 130°C (-40°F to 266°F)

## Materials

- Molded black thermoplastic base, UL rated 94V0
- Tin-plated brass terminals
- Zinc-plated steel screws

## Dimensions — in



| Poles | A    | B    | Poles | A     | B     | Poles | A     | B     |
|-------|------|------|-------|-------|-------|-------|-------|-------|
| 02    | 2.13 | 1.69 | 10    | 6.62  | 6.19  | 18    | 11.12 | 10.68 |
| 03    | 2.69 | 2.25 | 11    | 7.18  | 6.75  | 19    | 11.68 | 11.25 |
| 04    | 3.25 | 2.81 | 12    | 7.75  | 7.31  | 20    | 12.24 | 11.81 |
| 05    | 3.81 | 3.37 | 13    | 8.31  | 7.87  | 21    | 12.80 | 12.37 |
| 06    | 4.37 | 3.94 | 14    | 8.87  | 8.44  | 22    | 13.37 | 12.93 |
| 07    | 4.94 | 4.50 | 15    | 9.43  | 9.00  | 23    | 13.93 | 13.50 |
| 08    | 5.50 | 5.06 | 16    | 9.99  | 9.56  | 24    | 14.49 | 14.06 |
| 09    | 6.06 | 5.62 | 17    | 10.56 | 10.12 |       |       |       |

1" = 25.4mm.

## Catalog number build-a-code

| Symbol    | Screw size               | Poles           | Screw options                                                                                                                                                                                                                           | Marking/cover                                   | Hardware options                                                                                                                                  |
|-----------|--------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TB</b> |                          | —               |                                                                                                                                                                                                                                         |                                                 |                                                                                                                                                   |
|           | <b>300</b> = 8-32 screw  | <b>02 to 24</b> | <b>Blank</b> = Steel phil-slot, zinc-plated                                                                                                                                                                                             | <b>L1 to L6</b> marking options, see page 10-16 | <b>QC1 to QC20</b> = Quick-connects (TB300 only)                                                                                                  |
|           | <b>345</b> = 10-32 screw |                 | <b>00</b> = Screws shipped bulk<br><b>B</b> = Brass phil-slot, nickel-plated<br><b>BS</b> = Brass SEMS phil-slot, nickel-plated (TB300 only)<br><b>SP</b> = Steel SEMS phil-slot, zinc-plated<br><b>ST</b> = Stainless steel, phil-slot | Special markings†, see page 10-16               | <b>Custom options (TB300 only)†</b><br><b>J301</b> = Flat slip-on jumper<br><b>OJ6</b> = Over barrier jumper<br><b>OJ11</b> = Over barrier jumper |

† Contact factory for configuration.

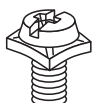
## Accessories

- Marker strips, see page 10-17
- Covers, see page 10-16

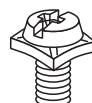
## Screw options


**B**

Brass phil-slot nickel-plated  
- **B001-7018-J** (TB300 bulk)  
- **B500-023-028-J** (TB345 bulk)


**BS**

Brass SEMS phil-slot nickel-plated  
- **B001-7015-J** (TB300 bulk)


**SP**

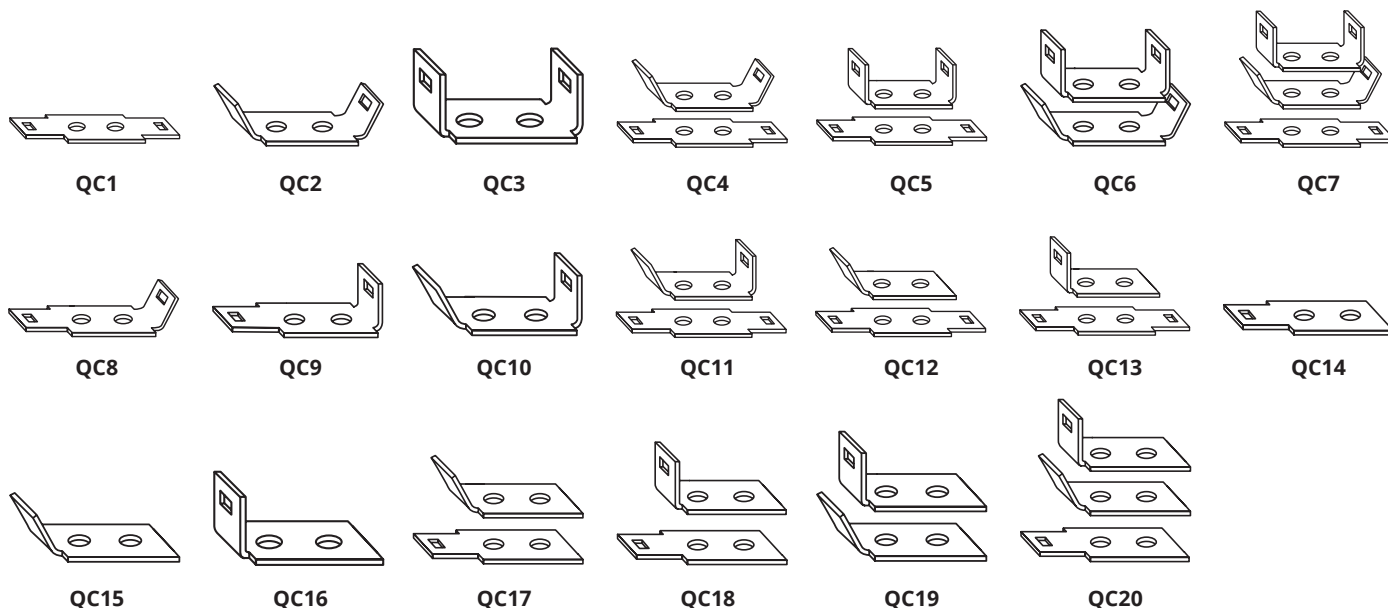
Steel SEMS phil-slot zinc-plated  
- **B001-7017-J** (TB300 bulk)  
- **B001-5774-J** (TB346 bulk)


**ST**

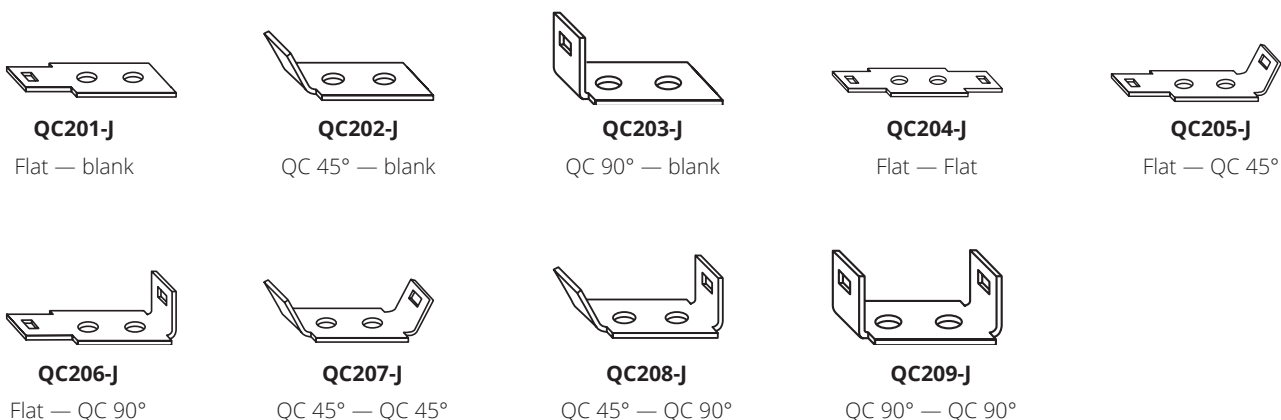
Stainless steel phil-slot  
- **B001-7063-J** (TB300 bulk)  
- **B001-7064-J** (TB345 bulk)

## Hardware options

Quick-connects — assembled: TB300 only; 0.25" x 0.031" terminals, 20 amps maximum. For other orientations, contact factory.



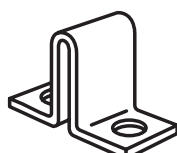
Quick-connects — bulk: \*TB300 only; minimum order 100 pieces per catalog number.



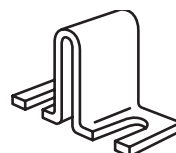
Jumpers — bulk: TB300 only; minimum order 100 pieces per catalog number. Contact factory for jumper assembly.


**J301**

Flat slip-on  
**J301-J** (bulk)


**OJ6**

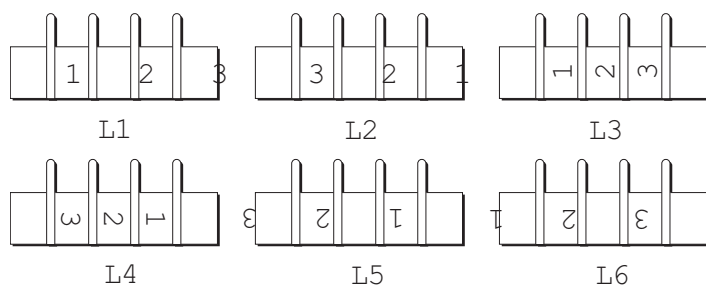
Closed over barrier  
**OJ6-J** (bulk)


**OJ11**

Slip-on over barrier  
**OJ11-J** (bulk)

## Marking options and covers for double row terminal blocks

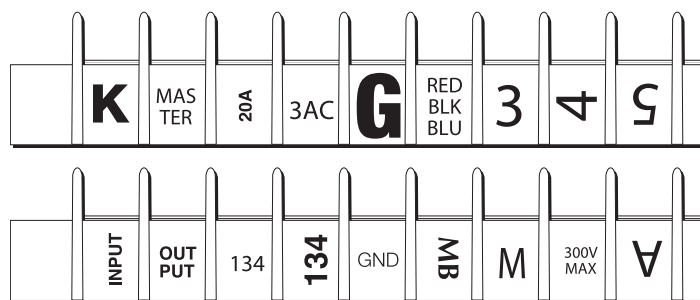
## Standard marking



Standard markings are applied directly to the side(s) of a block. The standard marking color is white. The standard numeral height is 0.125 inches (3mm).

Note: Blocks marked on both sides require a different code for each side. Example: Style L1 on one side of the block requires Style L2 on the other side to ensure common terminal marking. To order, add appropriate suffix (L1, L2, L3, L4, L5 and/or L6) to block catalog number in the proper sequence.

## Special marking\*

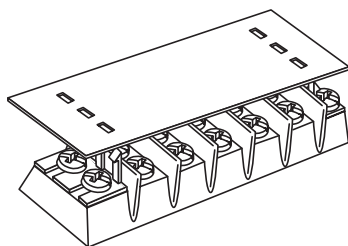


Special markings are available at an additional charge. Drawing(s) must be submitted to ensure accuracy of part required. Consult factory for price and delivery.

\* Not available on TB400 products

## Covers

(must be ordered separately)



Covers prevent personnel, screws and foreign items from contacting live terminals, and are available in white (opaque) or clear plastic. Two cover clips are supplied with each cover. The cover width is 1.31 inches (33mm). Example: 10 position cover, white, TB100 = catalog number X12010.

Cover catalog number build-a-code<sup>†</sup>

| Symbol | Cover strip <sup>†</sup>    | Poles                    | High barrier option only        |
|--------|-----------------------------|--------------------------|---------------------------------|
| X      |                             |                          |                                 |
|        | 119 = TB100 - clear         | 02 to 36 (TB100)         | HB = High barrier <sup>††</sup> |
|        | 120 = TB100 - white         | 02 to 30 (TB200/TB200HB) |                                 |
|        | 219 = TB200/TB200HB - clear | 02 to 24 (TB300/TB345)   |                                 |
|        | 220 = TB200/TB200HB - white |                          |                                 |
|        | 319 = TB300/TB345 - clear   |                          |                                 |
|        | 320 = TB300/TB345 - white   |                          |                                 |

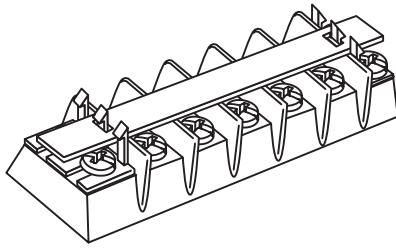
<sup>†</sup> Cover strip not available for TB400 products.

<sup>††</sup> Applicable to X219 and X220 only.

## Cover clips — bulk

| Catalog no. | For block family |
|-------------|------------------|
| DD1-J       | TB100            |
| DD2-J       | TB200            |
| DD2HB-J     | TB200HB          |
| DD3-J       | TB300            |

### Top marker strips (order separately from blocks)



Top mounting marker strips must be ordered separately and are only available in white (opaque) plastic. Two cover clips are supplied with each marker strip.

Example: 12 position cover, TB200, 0.032" x 0.312" = catalog number X20312.

Example: 12 position cover, TB200HB, 0.06" x 0.50" = catalog number X23312HB.

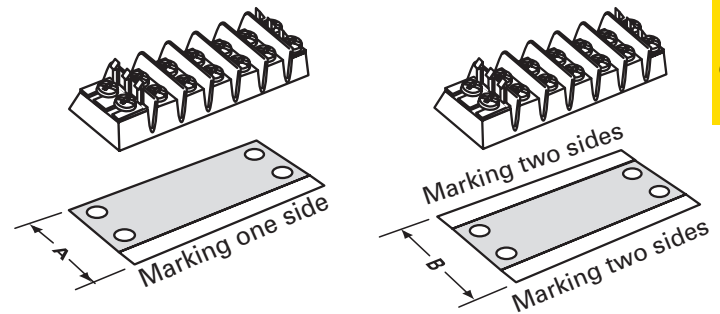
#### Top marker strip catalog number build-a-code

| Series   | Top marker strip†                                   | Poles                              | High barrier option only   |
|----------|-----------------------------------------------------|------------------------------------|----------------------------|
| <b>X</b> |                                                     |                                    |                            |
|          | <b>103</b> = TB100<br>(0.032 thk x 0.312 w)         | <b>02 to 36</b><br>(TB100)         | <b>HB</b> = High barrier†† |
|          | <b>133</b> = TB100<br>(0.060 thk x 0.500 w)         | <b>02 to 30</b><br>(TB200/TB200HB) |                            |
|          | <b>203</b> = TB200/TB200HB<br>(0.032 thk x 0.312 w) | <b>02 to 24</b><br>(TB300/TB345)   |                            |
|          | <b>233</b> = TB200/TB200HB<br>(0.060 thk x 0.500 w) |                                    |                            |
|          | <b>303</b> = TB300/TB345<br>(0.032 thk x 0.380 w)   |                                    |                            |
|          | <b>333</b> = TB300/TB345<br>(0.060 thk x 0.500 w)   |                                    |                            |

† Marking strips not available for TB400 products

†† Applicable to X203 and X233 only.

### Bottom marker strips (order separately from blocks)



Bottom mounting marker strips are made of 0.03" thick black PVC. Space is available along the edge to handle most marking needs. All marker strips must be ordered separately.

To order, specify catalog number and required marking orientation. Example: 13 position strip, TB100 with no markings, space for marking one side = catalog number X10513. Consult factory for specials.

Standard numeral height is 0.125". Standard markings are 0-99. Special markings are available on special order. Drawing(s) must be submitted to ensure accuracy of part required.

#### Dimensions — in

| Dim. | For TB block |       |         |       |       |       |
|------|--------------|-------|---------|-------|-------|-------|
|      | TB100        | TB200 | TB200HB | TB300 | TB345 | TB400 |
| A    | 1.13         | 1.37  | 1.62    | 1.58  | 1.58  | N/A   |
| B    | 1.38         | 1.62  | 1.81    | 1.81  | 1.81  | N/A   |

#### Bottom marker strip catalog number build-a-code

| Symbol   | Bottom Marker Strip†                               | Poles                              | Marking orientation           |
|----------|----------------------------------------------------|------------------------------------|-------------------------------|
| <b>X</b> |                                                    |                                    |                               |
|          | <b>101</b> = TB100<br>marking both sides           | <b>02 to 36</b><br>(TB100)         | <b>BF</b> =<br>Bottom forward |
|          | <b>105</b> = TB100<br>marking one side             | <b>02 to 30</b><br>(TB200/TB200HB) | <b>BR</b> =<br>Bottom reverse |
|          | <b>201</b> = TB200<br>marking both sides           | <b>02 to 24</b><br>(TB300/TB345)   | <b>TF</b> =<br>Top forward    |
|          | <b>205</b> = TB200<br>marking one side             |                                    | <b>TR</b> =<br>Top reverse    |
|          | <b>291</b> = TB200HB<br>marking both sides         |                                    |                               |
|          | <b>295</b> = TB200HB<br>marking one side           |                                    |                               |
|          | <b>301</b> = TB300 and TB345<br>marking both sides |                                    |                               |
|          | <b>305</b> = TB300 and TB345<br>marking one side   |                                    |                               |

† Not available for TB400 products.

## TB400 double row terminal blocks

## Ratings

- Volts 600 V
- Amps 75 A
- Breakdown voltage 7500 V

## Agency information

- cULus file E62622; IEC Compliance; CE

## Specifications

- Poles: 2 to 12
- Center spacing: 0.687" or 11/16" (17mm)
- Screw size: #10-32 phil-slot screws
- Wire range and torque rating: 10 - 14 AWG Cu @ 20 in-lbs
- Distance between barriers: 0.56" (14mm)
- Mounting: #10 screws
- Operating temperature: -40°C to 130°C (-40°F to 266°F)

## Materials

- Molded black thermoplastic base, UL rated 94V0
- Tin-plated brass terminals
- Zinc-plated steel screws

## Catalog number build-a-code

| Symbol | Poles | Screw options |
|--------|-------|---------------|
| TB400  | —     |               |

**02 to 12** Blank = Zinc-plated steel phil-slot

**00** = Screws shipped bulk

**B** = Nickel-plated brass phil-slot

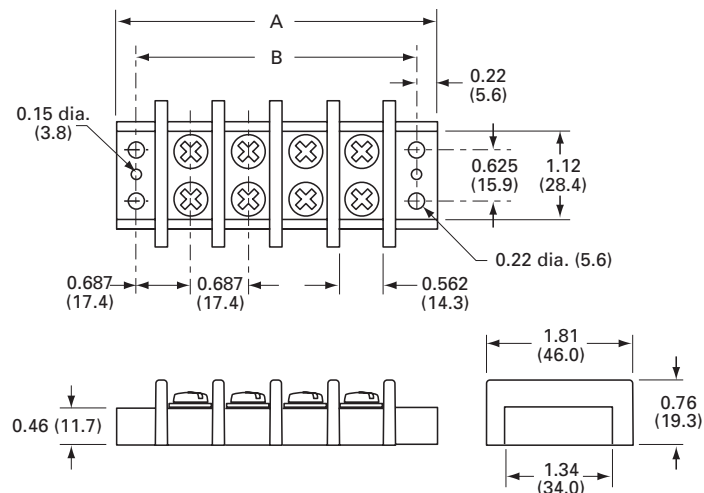
**ST** = Stainless steel, phil-slot

## Accessories

- OJ14 - Jumper over barrier, consult factory for pole configuration



## Dimensions — in



| Poles | A    | B    | Poles | A    | B    | Poles | A    | B    |
|-------|------|------|-------|------|------|-------|------|------|
| 02    | 2.51 | 2.06 | 06    | 5.26 | 4.81 | 10    | 8.01 | 7.56 |
| 03    | 3.20 | 2.75 | 07    | 5.95 | 5.50 | 11    | 8.70 | 8.25 |
| 04    | 3.89 | 3.44 | 08    | 6.64 | 6.19 | 12    | 9.39 | 8.94 |
| 05    | 4.58 | 4.13 | 09    | 7.33 | 6.88 |       |      |      |

1" = 25.4mm.

## Screw options

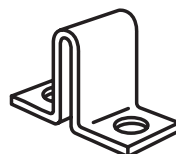


Brass nickel-plated phil-slot  
**B500-023-028-J** (bulk)



Stainless steel phil-slot  
**B001-7064-J** (bulk)

## Hardware options



**OJ14:** Closed over barrier  
**OJ14-J** (bulk)

## KU double row terminal blocks

### Ratings

- Volts 600 V
- Amps 60 A\*
- \* 60 A rating achieved with 6 AWG Cu wire crimped to ring terminal.

### Agency information

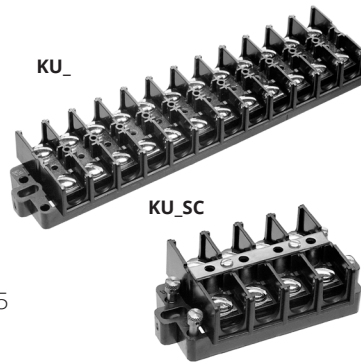
- UL File E62622, CSA File 47235

### Specifications

- Poles: 2 to 12
- Wire range: 6-22 AWG Cu
- Center spacing: 0.625" (16mm)
- Screw size: #10-32
- Torque rating: 20 lb-in
- Distance between barriers: 0.437" (11mm)
- Mounting: Panel mount
- Operating temperature: 105°C (221°F) max.

### Materials

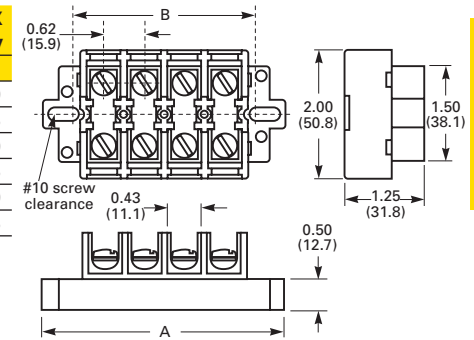
- Molded black Noryl base, UL rated 94V1
- Terminal plating: Nickel-plated brass terminals
- Zinc-plated steel screws



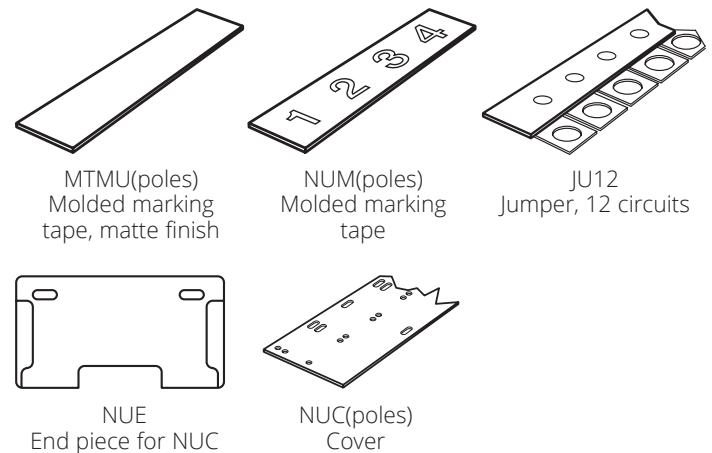
### Dimensions — in

| Poles | KU   |      | KUX only |
|-------|------|------|----------|
|       | A    | B    | A        |
| 02    | 2.50 | 1.62 | 2.00     |
| 04    | 3.75 | 2.87 | 3.25     |
| 06    | 5.00 | 4.12 | 4.50     |
| 08    | 6.25 | 5.37 | 5.75     |
| 10    | 7.50 | 6.62 | 7.00     |
| 12    | 8.75 | 7.87 | 8.25     |

1" = 25.4mm.



### Accessories (order separately)



### Catalog number build-a-code - KU versions

| Symbol / for                                | Poles                        | Screw options                                       | Covers                                 | Marking strip                            |
|---------------------------------------------|------------------------------|-----------------------------------------------------|----------------------------------------|------------------------------------------|
| <b>KU</b> / Standard block                  | 2<br>4<br>6<br>8<br>10<br>12 | <b>00</b> = Screws shipped bulk                     | <b>WC</b> = Top cover and 2 end plates | <b>MT</b> = Matte finish                 |
| <b>KUX</b> / Short block                    |                              | <b>BP</b> = Brass phil-slot, nickel-plated          |                                        | <b>NU</b> = Numbered 1 to 12, horizontal |
| <b>KURL</b> / Standard w/removable link     |                              | <b>P</b> = Steel screw w/pressure plate zinc-plated |                                        | <b>NUV</b> = Numbered 1 to 12, vertical  |
| <b>KUXRL</b> / Short block w/removable link |                              | <b>W</b> = Brass washer head, nickel-plated         |                                        | <b>PT</b> = Marker strip for cover†      |

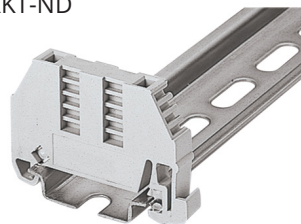
### Catalog number build-a-code - KU\_SC versions

| Symbol / for                                                      | Poles                        | Screw options                                        | Covers                                 | Marking strip                       |
|-------------------------------------------------------------------|------------------------------|------------------------------------------------------|----------------------------------------|-------------------------------------|
| <b>KUSC</b> / Standard w/shorting strap and 4 shorting screws     | 2<br>4<br>6<br>8<br>10<br>12 | <b>00</b> = Screws shipped bulk                      | <b>WC</b> = Top cover and 2 end plates | <b>PT</b> = Marker strip for cover† |
| <b>KUXSC</b> / Short block w/shorting strap and 4 shorting screws |                              | <b>BP</b> = Brass phil-slot, nickel-plated           |                                        |                                     |
|                                                                   |                              | <b>P</b> = Steel screw w/pressure plate, zinc-plated |                                        |                                     |
|                                                                   |                              | <b>W</b> = Brass washer head, nickel-plated          |                                        |                                     |

† Requires WC cover option

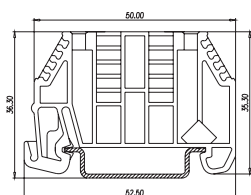
## End brackets

BRKT-ND

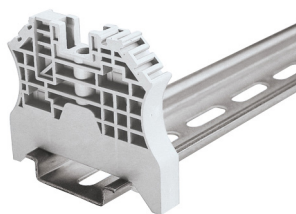


Use with DRL35MMHI  
DRL35MMLO

Dimensions — mm

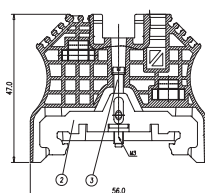


BRKT-NDSCRW

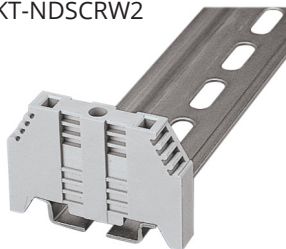


Use with DRL35MMHI  
DRL35MMLO

Dimensions — mm

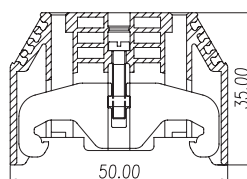


BRKT-NDSCRW2

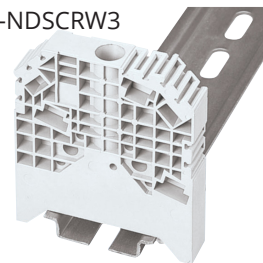


Use with DRL35MMHI  
DRL35MMLO

Dimensions — mm

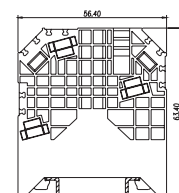


BRKT-NDSCRW3



Use with DRL35MMHI  
DRL35MMLO

Dimensions — mm



## Mounting rails and brackets

DRL35MMLO\*

Low profile  
35mm DIN-Rail



DRL35MMHI\*

High profile  
35mm DIN-Rail



NFTA\*\*

C-Rail



NRA\*\*

C-Rail



BRKT-ANGL

Angle bracket



BRKT-FLT

Flat bracket



\* Available in 1 meter lengths only.

\*\*Cut-to-length. Consult your Bussmann series product representative for details.