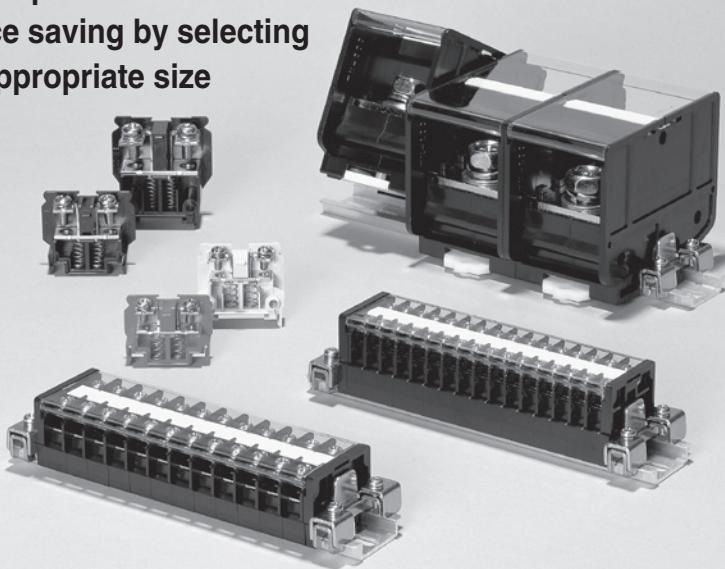




Corresponds to breaker size current value. Contributing to space saving by selecting an appropriate size



## FEATURES

- Reduce wiring man-hours by up-screw type.
- It is possible to attach / detach with one-touch on the DIN rail. (TX-100F to TX-325F)
- The assembly method can be either rail type or shaft type and can be selected according to the applications. (Except TX-5.5S, 14S)
- Unit resin material uses flame retardant grade UL 94V-0. The terminal cover UL 94V-0 specification is also available.
- Using a coil spring made of stainless steel, it has become a smooth up-screw type.
- Stainless steel screw specifications are also available. (Single item type : TX-□ SUS)
- Overseas standard compliant products.

## SPECIFICATIONS (RATINGS, PERFORMANCE)

| Type                                            |                        | TX-2<br>*1TX-2F       | *1TX-5.5<br>TX-5.5F<br>*2TX-5.5S<br>*1TX-5.5SF | *1TX-14<br>TX-14F<br>*2TX-14S<br>*2TX-14SF | TX-22<br>*1TX-22F | *1TX-38F          | *1TX-60F<br>*1TX-60SF | *1TX-100F          | *1TX-150F          | *1TX-200F          | *1TX-325F          |
|-------------------------------------------------|------------------------|-----------------------|------------------------------------------------|--------------------------------------------|-------------------|-------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|
| Specification                                   |                        |                       |                                                |                                            |                   |                   |                       |                    |                    |                    |                    |
| Rated insulation voltage (Ui)                   | Pollution degree 2     | 800V                  |                                                |                                            |                   |                   |                       | 1,000V             |                    |                    |                    |
|                                                 | Pollution degree 3     | 600V                  |                                                |                                            |                   |                   |                       |                    |                    |                    |                    |
| Rated current-carrying capacity (Ith)           | General specifications | 21A                   | 40A                                            | 70A                                        | 100A              | 132A              | 200A                  | 250A               | 310A               | 400A               | 660A               |
|                                                 | IEC                    | 21A                   | 40A                                            | 70A                                        | 94A               | 132A              | 175A                  | 240A               | 310A               | 370A               | —                  |
|                                                 | TUV, UL                | 15A                   | 30A                                            | 60A                                        | 80A               | 132A              | 175A                  | 240A               | 310A               | 370A               | —                  |
| Rated cross-section                             |                        | 2mm <sup>2</sup>      | 5.5mm <sup>2</sup>                             | 14mm <sup>2</sup>                          | 22mm <sup>2</sup> | 38mm <sup>2</sup> | 60mm <sup>2</sup>     | 100mm <sup>2</sup> | 150mm <sup>2</sup> | 200mm <sup>2</sup> | 325mm <sup>2</sup> |
| Screw size                                      |                        | M3.5×7.5<br>F: M3.5×8 | M4×8.5<br>F: M4×10                             | M5×11<br>F: M5×10                          | M6×14<br>F: M6×12 | M8×16             |                       | M10×25             |                    | M12×30             | M16×35             |
| Number of conductors simultaneously connectable |                        | 2                     |                                                |                                            |                   |                   |                       |                    |                    |                    |                    |
| Power-Frequency withstand voltage               |                        | 3,000V AC / 1 min.    |                                                |                                            |                   |                   |                       | 5,000V AC / 1 min. |                    |                    |                    |
| Rated impulse withstand voltage                 |                        | 8kV                   |                                                |                                            |                   |                   | 12kV                  |                    |                    |                    |                    |
| Ambient operating temperature                   |                        | -25 to 60°C           |                                                |                                            |                   |                   |                       |                    |                    |                    |                    |
| Storing temperature                             |                        | -40 to 85°C           |                                                |                                            |                   |                   |                       |                    |                    |                    |                    |
| Altitude                                        |                        | 2,000 m or less       |                                                |                                            |                   |                   |                       |                    |                    |                    |                    |
| Flame retardant grade                           |                        | Unit : UL94V-0        |                                                |                                            |                   |                   |                       |                    |                    |                    |                    |

\*1 It's not an up-screw terminal blocks but a self-up terminal blocks.

\*2 TX-□S and TX-□SF do not meet IEC and VL certifications.

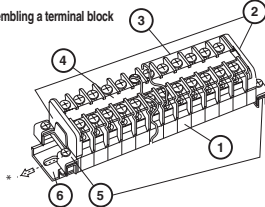
\* Insulation treatment suitable for the working voltage should be applied to the crimp terminal.

\* Consider with ambient operating temperature, current-carrying capacity, wire size, please use a heat-resistant wires as necessary.

## How to order of terminal blocks

### Product Composition

■ Necessary parts for assembling a terminal block



① Unit part ————— Refer to page C17 to C20

② End plate

③ Cover  
(Standard length: 1,000 mm)

④ Marker strip  
(Standard length: 900 mm)

⑤ End clamp

⑥ Rail  
(Standard length: 1,000 mm)

Please check the accessory list  
(page C25 to C26) and order by the  
compatible type name.

Remark: When purchasing single item accessories,  
please pay attention to each sales unit.

\* Upper side.

### How to order assembly

Remark: If there is no indication of the rail,  
it will be rail assembly of U-cut type (UF).

#### TX-5.5SUS × 24 XD-16 MR

Basic type

No. of  
poles

\* Number shows MAX. wire size  
or current-carrying capacity

|         |            |
|---------|------------|
| (blank) | iron screw |
| SUS*    | SUS screw  |

\* applicable models only

| Code | Rail type                  | Description  | Max. recommended rail length |
|------|----------------------------|--------------|------------------------------|
| XF   | TXB (DIN rail)             | U-cut rail   | 600mm                        |
| XD   | TXB (DIN rail)             | Punched rail | 600mm                        |
| UF   | TUB (Fuji exclusive rail)  | U-cut rail   | 600mm                        |
| UD   | TUB (Fuji exclusive rail)  | Punched rail | 600mm                        |
| KD   | TKB (DIN, reinforced rail) | Punched rail | 1,000mm                      |

\* Rail indication is expressed in terms of L dimension in the case of U-cut rail (XF or UF),  
and in terms of the number of holes in the case of punched rail (XD, UD, or KD).

|         |                      |
|---------|----------------------|
| (blank) | standard             |
| MR*     | tropical region type |

\* applicable models only

#### 1 One type assembly

#### TX-5.5 × 36 XD-23

Type name

No. of  
poles

Rail type

Remark: When separating by end plate, please specify separately.

#### 2 Mixing assembly

#### TX-2 × 12 , TX-5.5 × 24 XF-415

Type name

No. of  
poles

Type name

No. of  
poles

Rail

Remark: When combining the same dimensions, there is no separation of end plates. Please specify separately as necessary.

#### 3 Shaft assembly (applicable models only)

#### TXS-5.5 × 24

shaft type

Remark: Please refer to C24 for the maximum number of poles.

### Rail length of some type combination

Please calculate rail length for some type combination by the following ways.

#### Ex. TX-2 × 12 , TX-5.5 × 24

No. of poles

No. of poles

##### 1) Terminal block dimension (Unit + End plate)

$$(8\text{mm} \times 12) + (11\text{mm} \times 24) + (5\text{mm} \times 4) = 380$$

TX-2 No. of poles TX-5.5 No. of poles End plate length number

##### 2) L dimension of U-cut rail (TXB-F)

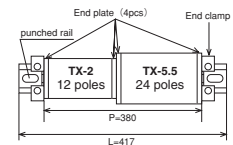
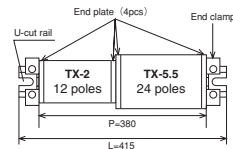
$$380 + 25 + 10 = 415 \text{ (L dimension)}$$

P dimension End clamp Rail remainder U-cut rail is 5mm intervals (even up).

##### 3) L dimension of punched rail (TXB-D)

$$380 + 25 + 10 = 415 \div 4 = 417 \text{ (L dimension)}$$

P dimension End clamp Rail remainder Punched rail is (20N-3) mm intervals. \*N=No. of holes



### Longest length of rail

The standard length of each rail used for assembly is 1,000 mm. Terminals may be assembled up to 1,000 mm, but about 600 mm max. is recommended for the 2-point mounting as shown in the above figure. (Assembly with TKB-D is recommended for longer than 600 mm.)



## UP-SCREW TYPE TERMINAL BLOCK

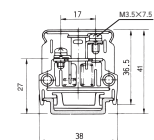
# TX TYPE

## STANDARD PRODUCTS

### TX-2

General IEC TUV/UL  
21A 21A 15A

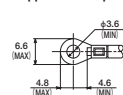
Applicable wire size: 0.75 to 2.0 mm<sup>2</sup> (M3.5)



#### ●Applicable accessories

|                       |       |
|-----------------------|-------|
| End plate             | TXE-2 |
| Standard marker strip | TUM-2 |
| Standard rail         | TXB   |
| End clamp             | TXL   |
| Cover                 | TUC-2 |

#### ●Applicable crimp terminal

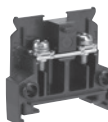


+ With insulating cover

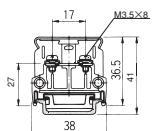
### TX-2F

General IEC TUV/UL  
21A 21A 15A

Applicable wire size: 0.75 to 2.0 mm<sup>2</sup> (M3.5)



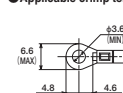
•Non up-screw type



#### ●Applicable accessories

|                       |       |
|-----------------------|-------|
| End plate             | TXE-2 |
| Standard marker strip | TUM-2 |
| Standard rail         | TXB   |
| End clamp             | TXL   |
| Cover                 | TUC-2 |

#### ●Applicable crimp terminal

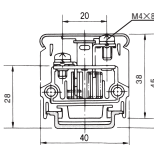


+ With insulating cover

### TX-5.5

General IEC TUV/UL  
40A 40A 30A

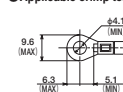
Applicable wire size: 2.0 to 5.5 mm<sup>2</sup> (M4)



#### ●Applicable accessories

|                       |         |
|-----------------------|---------|
| End plate             | TXE-5.5 |
| Standard marker strip | TUM-2   |
| Standard rail         | TXB     |
| End clamp             | TXL     |
| Cover                 | TUC-3   |

#### ●Applicable crimp terminal

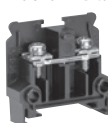


+ With insulating cover

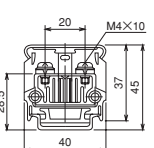
### TX-5.5F

General IEC TUV/UL  
40A 40A 30A

Applicable wire size: 2.0 to 5.5 mm<sup>2</sup> (M4)



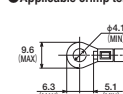
•Non up-screw type



#### ●Applicable accessories

|                       |         |
|-----------------------|---------|
| End plate             | TXE-5.5 |
| Standard marker strip | TUM-2   |
| Standard rail         | TXB     |
| End clamp             | TXL     |
| Cover                 | TUC-3   |

#### ●Applicable crimp terminal

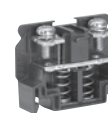


+ With insulating cover

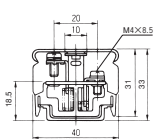
### TX-5.5S

General IEC  
40A

Applicable wire size: 2.0 to 5.5 mm<sup>2</sup> (M4)



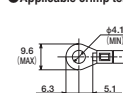
•Short length type



#### ●Applicable accessories

|                       |          |
|-----------------------|----------|
| End plate             | TXE-5.5S |
| Standard marker strip | TUM-2    |
| Standard rail         | TXB      |
| End clamp             | TXL      |
| Cover                 | TUC-3    |

#### ●Applicable crimp terminal

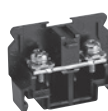


+ With insulating cover

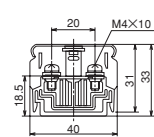
### TX-5.5SF

General IEC  
40A

Applicable wire size: 2.0 to 5.5 mm<sup>2</sup> (M4)



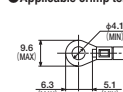
•Non up-screw type



#### ●Applicable accessories

|                       |          |
|-----------------------|----------|
| End plate             | TXE-5.5S |
| Standard marker strip | TUM-2    |
| Standard rail         | TXB      |
| End clamp             | TXL      |
| Cover                 | TUC-3    |

#### ●Applicable crimp terminal

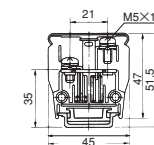
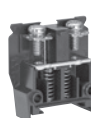


+ With insulating cover

### TX-14

General IEC TUV/UL  
70A 70A 60A

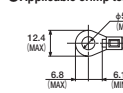
Applicable wire size: 5.5 to 14 mm<sup>2</sup> (M5)



#### ●Applicable accessories

|                       |        |
|-----------------------|--------|
| End plate             | TXE-14 |
| Standard marker strip | TUM-2  |
| Standard rail         | TXB    |
| End clamp             | TXL    |
| Cover                 | TUC-6  |

#### ●Applicable crimp terminal



+ With insulating cover

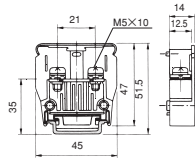
## TX-14F

General IEC TUV/UL  
70A 70A 60A

Applicable wire size: 5.5 to 14 mm<sup>2</sup> (M5)



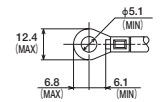
•Non up-screw type



### ●Applicable accessories

|                       |        |
|-----------------------|--------|
| End plate             | TXE-14 |
| Standard marker strip | TUM-2  |
| Standard rail         | TXB    |
| End clamp             | TXL    |
| Cover                 | TUC-6  |

### ●Applicable crimp terminal



• With insulating cover

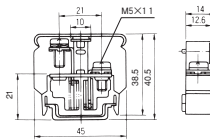
## TX-14S

General  
70A

Applicable wire size: 5.5 to 14 mm<sup>2</sup> (M5)



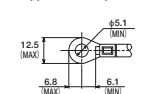
•Short length type



### ●Applicable accessories

|                       |         |
|-----------------------|---------|
| End plate             | TXE-14S |
| Standard marker strip | TUM-2   |
| Standard rail         | TXB     |
| End clamp             | TXL     |
| Cover                 | TUC-6   |

### ●Applicable crimp terminal



• With insulating cover

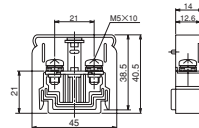
## TX-14SF

General  
70A

Applicable wire size: 5.5 to 14 mm<sup>2</sup> (M5)



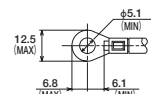
•Non up-screw type



### ●Applicable accessories

|                       |         |
|-----------------------|---------|
| End plate             | TXE-14S |
| Standard marker strip | TUM-2   |
| Standard rail         | TXB     |
| End clamp             | TXL     |
| Cover                 | TUC-6   |

### ●Applicable crimp terminal



• With insulating cover

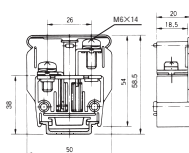
## TX-22

General IEC TUV/UL  
100A 94A 80A

Applicable wire size: 8 to 22 mm<sup>2</sup> (M6)



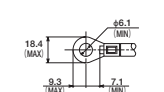
[80A]



### ●Applicable accessories

|                       |        |
|-----------------------|--------|
| End plate             | TXE-22 |
| Standard marker strip | TUM-2  |
| Standard rail         | TXB    |
| End clamp             | TXL    |
| Cover                 | TUC-8  |

### ●Applicable crimp terminal

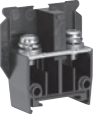


• With insulating cover

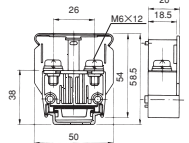
## TX-22F

General IEC TUV/UL  
100A 94A 80A

Applicable wire size: 8 to 22 mm<sup>2</sup> (M6)



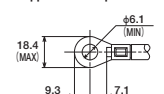
[80A]



### ●Applicable accessories

|                       |        |
|-----------------------|--------|
| End plate             | TXE-22 |
| Standard marker strip | TUM-2  |
| Standard rail         | TXB    |
| End clamp             | TXL    |
| Cover                 | TUC-8  |

### ●Applicable crimp terminal



• With insulating cover

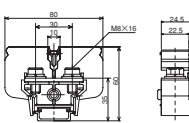
## TX-38F

General IEC TUV/UL  
132A 132A 132A

Applicable wire size: 14 to 38 mm<sup>2</sup> (M8)



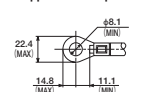
•Non up-screw type



### ●Applicable accessories

|                       |           |
|-----------------------|-----------|
| End plate             | TXE-38    |
| Standard marker strip | TUM-2     |
| Standard rail         | TXB       |
| End clamp             | TXL       |
| Cover                 | TUC-40 1M |

### ●Applicable crimp terminal



• With insulating cover

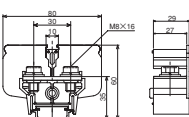
## TX-60F

General IEC TUV/UL  
200A 175A 175A

Applicable wire size: 38 to 60 mm<sup>2</sup> (M8)



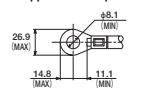
[175A]



### ●Applicable accessories

|                       |           |
|-----------------------|-----------|
| End plate             | TXE-38    |
| Standard marker strip | TUM-2     |
| Standard rail         | TXB       |
| End clamp             | TXL       |
| Cover                 | TUC-40 1M |

### ●Applicable crimp terminal



• With insulating cover



## UP-SCREW TYPE TERMINAL BLOCK

# TX TYPE

## STANDARD PRODUCTS

### TX-60SF

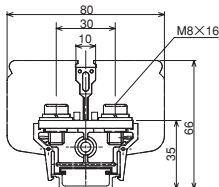
General IEC TUV.U.L.  
200A 175A 175A

Applicable wire size: 14 to 60 mm<sup>2</sup> (M8)



[175A]

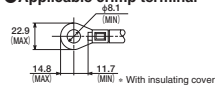
•Non up-screw type  
•Narrow width type



#### ●Applicable accessories

|                       |           |
|-----------------------|-----------|
| End plate             | TXE-60S   |
| Standard marker strip | TUM-2     |
| Standard rail         | TXB       |
| End clamp             | TXL       |
| Cover                 | TUC-40 1M |

#### ●Applicable crimp terminal



### TX-100F

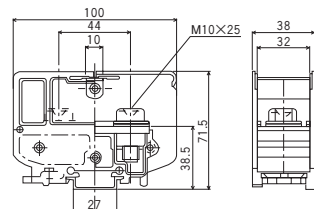
General IEC TUV.U.L.  
250A 240A 240A

Applicable wire size: 60 to 100 mm<sup>2</sup> (M10)



[240A]

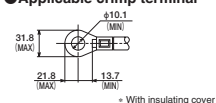
•Non up-screw type  
•One-touch on the DIN rail



#### ●Applicable accessories

|                       |              |
|-----------------------|--------------|
| Standard marker strip | TUM-2        |
| Standard rail         | TXB          |
| End clamp             | TXL          |
| Cover                 | With TXC-100 |

#### ●Applicable crimp terminal



### TX-150F

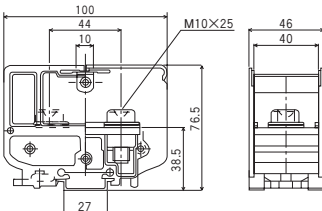
General IEC TUV.U.L.  
310A 310A 310A

Applicable wire size: 100 to 150 mm<sup>2</sup> (M10)



[310A]

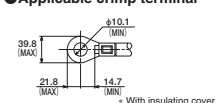
•Non up-screw type  
•One-touch on the DIN rail



#### ●Applicable accessories

|                       |              |
|-----------------------|--------------|
| Standard marker strip | TUM-2        |
| Standard rail         | TXB          |
| End clamp             | TXL          |
| Cover                 | With TXC-150 |

#### ●Applicable crimp terminal



### TX-200F

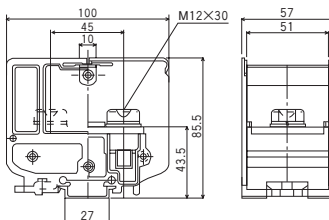
General IEC TUV.U.L.  
400A 370A 370A

Applicable wire size: 150 to 200 mm<sup>2</sup> (M12)



[370A]

•Non up-screw type  
•One-touch on the DIN rail

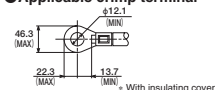


#### ●Applicable accessories

|                       |                                              |
|-----------------------|----------------------------------------------|
| Standard marker strip | TUM-2                                        |
| Standard rail         | TXB                                          |
| End clamp             | TXL                                          |
| Cover                 | With TXC-200<br>TUC-200V-1 (Sold separately) |

• Even crimp terminals can be protected

#### ●Applicable crimp terminal



### TX-325F

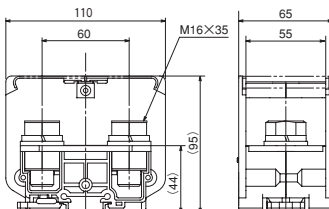
General IEC  
660A

Applicable wire size: 150 to 325 mm<sup>2</sup> (M16)



[660A]

•Non up-screw type  
•One-touch on the DIN rail

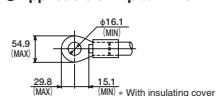


#### ●Applicable accessories

|                       |                                              |
|-----------------------|----------------------------------------------|
| Standard marker strip | TUM-2                                        |
| Standard rail         | TXB                                          |
| End clamp             | TXL                                          |
| Cover                 | With TXC-325<br>TUC-325V-1 (Sold separately) |

• Even crimp terminals can be protected

#### ●Applicable crimp terminal



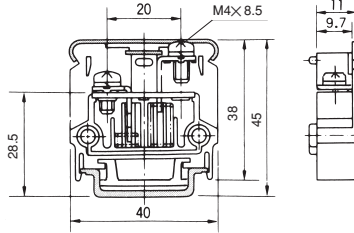
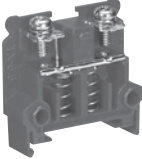
## CUSTOM PRODUCTS

*Red unit:* Usable to identify a trip circuit, etc.

### TX-5.5R

General  
30A

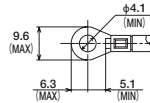
Applicable wire size: 2 to 5.5 mm<sup>2</sup> (M4)



#### ●Applicable accessories

|                       |                |
|-----------------------|----------------|
| End plate             | TXE-5.5R (red) |
| Standard marker strip | TUM-2          |
| Standard rail         | TXB            |
| End clamp             | TXL            |
| Cover                 | TUC-3          |

#### ●Applicable crimp terminal



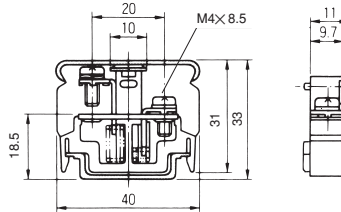
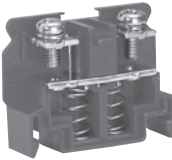
= With insulating cover

*Red unit:* Usable to identify a trip circuit, etc.

### TX-5.5SR

General  
30A

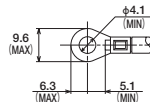
Applicable wire size: 2 to 5.5 mm<sup>2</sup> (M4)



#### ●Applicable accessories

|                       |                 |
|-----------------------|-----------------|
| End plate             | TXE-5.5SR (red) |
| Standard marker strip | TUM-2           |
| Standard rail         | TXB             |
| End clamp             | TXL             |
| Cover                 | TUC-3           |

#### ●Applicable crimp terminal



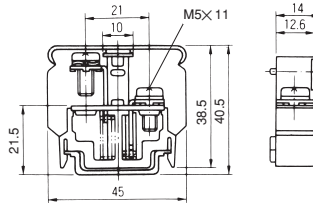
= With insulating cover

*Red unit:* Usable to identify a trip circuit, etc.

### TX-14SR

General  
60A

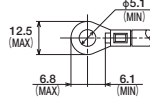
Applicable wire size: 5.5 to 14 mm<sup>2</sup> (M5)



#### ●Applicable accessories

|                       |                |
|-----------------------|----------------|
| End plate             | TXE-14SR (red) |
| Standard marker strip | TUM-2          |
| Standard rail         | TXB            |
| End clamp             | TXL            |
| Cover                 | TUC-6          |

#### ●Applicable crimp terminal



= With insulating cover



## UP-SCREW TYPE TERMINAL BLOCK

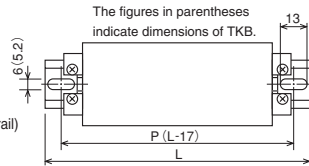
# TX TYPE

## TABLE OF ASSEMBLED DIMENSIONS

TX type assembly  
on punched rail

### TXB-D type

The assembled dimensions for the TKB-D (Reinforced rail)  
are the same as shown in the following table.  
However, the rails are marked as KD-□.



| Type | TX-2 · TX-2F |     |       | TX-5.5 · 5.5S<br>TX-5.5F · 5.5SF |     |       | TX-14 · 14S<br>TX-14F · 14SF |     |       | TX-22 · TX-22F |     |       | TX-38F |     |       | Type |
|------|--------------|-----|-------|----------------------------------|-----|-------|------------------------------|-----|-------|----------------|-----|-------|--------|-----|-------|------|
| Pole | P            | L   | Rail  | P                                | L   | Rail  | P                            | L   | Rail  | P              | L   | Rail  | P      | L   | Rail  | Pole |
| 1    | 40           | 57  | XD-3  | 40                               | 57  | XD-3  | 60                           | 77  | XD-4  | 60             | 77  | XD-4  | 60     | 77  | XD-4  | 1    |
| 2    | 60           | 77  | XD-4  | 60                               | 77  | XD-4  | 60                           | 77  | XD-4  | 80             | 97  | XD-5  | 80     | 97  | XD-5  | 2    |
| 3    | 60           | 77  | XD-4  | 80                               | 97  | XD-5  | 80                           | 97  | XD-5  | 100            | 117 | XD-6  | 100    | 117 | XD-6  | 3    |
| 4    | 60           | 77  | XD-4  | 80                               | 97  | XD-5  | 100                          | 117 | XD-6  | 120            | 137 | XD-7  | 140    | 157 | XD-8  | 4    |
| 5    | 80           | 97  | XD-5  | 100                              | 117 | XD-6  | 100                          | 117 | XD-6  | 140            | 157 | XD-8  | 160    | 177 | XD-9  | 5    |
| 6    | 80           | 97  | XD-5  | 100                              | 117 | XD-6  | 120                          | 137 | XD-7  | 160            | 177 | XD-9  | 180    | 197 | XD-10 | 6    |
| 7    | 100          | 117 | XD-6  | 120                              | 137 | XD-7  | 140                          | 157 | XD-8  | 180            | 197 | XD-10 | 200    | 217 | XD-11 | 7    |
| 8    | 100          | 117 | XD-6  | 120                              | 137 | XD-7  | 140                          | 157 | XD-8  | 200            | 217 | XD-11 | 220    | 237 | XD-12 | 8    |
| 9    | 100          | 117 | XD-6  | 140                              | 157 | XD-8  | 160                          | 177 | XD-9  | 220            | 237 | XD-12 | 260    | 277 | XD-14 | 9    |
| 10   | 120          | 137 | XD-7  | 140                              | 157 | XD-8  | 180                          | 197 | XD-10 | 240            | 257 | XD-13 | 280    | 297 | XD-15 | 10   |
| 11   | 120          | 137 | XD-7  | 160                              | 177 | XD-9  | 200                          | 217 | XD-11 | 260            | 277 | XD-14 | 300    | 317 | XD-16 | 11   |
| 12   | 140          | 157 | XD-8  | 160                              | 177 | XD-9  | 200                          | 217 | XD-11 | 280            | 297 | XD-15 | 320    | 337 | XD-17 | 12   |
| 13   | 140          | 157 | XD-8  | 180                              | 197 | XD-10 | 220                          | 237 | XD-12 | 300            | 317 | XD-16 | 360    | 377 | XD-19 | 13   |
| 14   | 160          | 177 | XD-9  | 200                              | 217 | XD-11 | 240                          | 257 | XD-13 | 320            | 337 | XD-17 | 380    | 397 | XD-20 | 14   |
| 15   | 160          | 177 | XD-9  | 200                              | 217 | XD-11 | 240                          | 257 | XD-13 | 340            | 357 | XD-18 | 400    | 417 | XD-21 | 15   |
| 16   | 160          | 177 | XD-9  | 220                              | 237 | XD-12 | 260                          | 277 | XD-14 | 360            | 377 | XD-19 | 420    | 437 | XD-22 | 16   |
| 17   | 180          | 197 | XD-10 | 220                              | 237 | XD-12 | 280                          | 297 | XD-15 | 380            | 397 | XD-20 | 440    | 457 | XD-23 | 17   |
| 18   | 180          | 197 | XD-10 | 240                              | 257 | XD-13 | 280                          | 297 | XD-15 | 400            | 417 | XD-21 | 480    | 497 | XD-25 | 18   |
| 19   | 180          | 197 | XD-10 | 240                              | 257 | XD-13 | 300                          | 317 | XD-16 | 420            | 437 | XD-22 | 500    | 517 | XD-26 | 19   |
| 20   | 200          | 217 | XD-11 | 260                              | 277 | XD-14 | 320                          | 337 | XD-17 | 440            | 457 | XD-23 | 520    | 537 | XD-27 | 20   |
| 21   | 200          | 217 | XD-11 | 260                              | 277 | XD-14 | 340                          | 357 | XD-18 | 460            | 477 | XD-24 | 540    | 557 | XD-28 | 21   |
| 22   | 220          | 237 | XD-12 | 280                              | 297 | XD-15 | 340                          | 357 | XD-18 | 480            | 497 | XD-25 | 580    | 597 | XD-30 | 22   |
| 23   | 220          | 237 | XD-12 | 300                              | 317 | XD-16 | 360                          | 377 | XD-19 | 500            | 517 | XD-26 |        |     |       | 23   |
| 24   | 220          | 237 | XD-12 | 300                              | 317 | XD-16 | 380                          | 397 | XD-20 | 520            | 537 | XD-27 |        |     |       | 24   |
| 25   | 240          | 257 | XD-13 | 320                              | 337 | XD-17 | 380                          | 397 | XD-20 | 540            | 557 | XD-28 |        |     |       | 25   |
| 26   | 240          | 257 | XD-13 | 320                              | 337 | XD-17 | 400                          | 417 | XD-21 | 560            | 577 | XD-29 |        |     |       | 26   |
| 27   | 260          | 277 | XD-14 | 340                              | 357 | XD-18 | 420                          | 437 | XD-22 | 580            | 597 | XD-30 |        |     |       | 27   |
| 28   | 260          | 277 | XD-14 | 340                              | 357 | XD-18 | 420                          | 437 | XD-22 |                |     |       |        |     |       | 28   |
| 29   | 260          | 277 | XD-14 | 360                              | 377 | XD-19 | 440                          | 457 | XD-23 |                |     |       |        |     |       | 29   |
| 30   | 280          | 297 | XD-15 | 360                              | 377 | XD-19 | 460                          | 477 | XD-24 |                |     |       |        |     |       | 30   |
| 31   | 280          | 297 | XD-15 | 380                              | 397 | XD-20 | 480                          | 497 | XD-25 |                |     |       |        |     |       | 31   |
| 32   | 300          | 317 | XD-16 | 380                              | 397 | XD-20 | 480                          | 497 | XD-25 |                |     |       |        |     |       | 32   |
| 33   | 300          | 317 | XD-16 | 400                              | 417 | XD-21 | 500                          | 517 | XD-26 |                |     |       |        |     |       | 33   |
| 34   | 300          | 317 | XD-16 | 420                              | 437 | XD-22 | 520                          | 537 | XD-27 |                |     |       |        |     |       | 34   |
| 35   | 320          | 337 | XD-17 | 420                              | 437 | XD-22 | 520                          | 537 | XD-27 |                |     |       |        |     |       | 35   |
| 36   | 320          | 337 | XD-17 | 440                              | 457 | XD-23 | 540                          | 557 | XD-28 |                |     |       |        |     |       | 36   |
| 37   | 340          | 357 | XD-18 | 440                              | 457 | XD-23 | 560                          | 577 | XD-29 |                |     |       |        |     |       | 37   |
| 38   | 340          | 357 | XD-18 | 460                              | 477 | XD-24 | 560                          | 577 | XD-29 |                |     |       |        |     |       | 38   |
| 39   | 340          | 357 | XD-18 | 460                              | 477 | XD-24 | 580                          | 597 | XD-30 |                |     |       |        |     |       | 39   |
| 40   | 360          | 377 | XD-19 | 480                              | 497 | XD-25 |                              |     |       |                |     |       |        |     |       | 40   |
| 41   | 360          | 377 | XD-19 | 480                              | 497 | XD-25 |                              |     |       |                |     |       |        |     |       | 41   |
| 42   | 380          | 397 | XD-20 | 500                              | 517 | XD-26 |                              |     |       |                |     |       |        |     |       | 42   |
| 43   | 380          | 397 | XD-20 | 520                              | 537 | XD-27 |                              |     |       |                |     |       |        |     |       | 43   |
| 44   | 400          | 417 | XD-21 | 520                              | 537 | XD-27 |                              |     |       |                |     |       |        |     |       | 44   |
| 45   | 400          | 417 | XD-21 | 540                              | 557 | XD-28 |                              |     |       |                |     |       |        |     |       | 45   |
| 46   | 400          | 417 | XD-21 | 540                              | 557 | XD-28 |                              |     |       |                |     |       |        |     |       | 46   |
| 47   | 420          | 437 | XD-22 | 560                              | 577 | XD-29 |                              |     |       |                |     |       |        |     |       | 47   |
| 48   | 420          | 437 | XD-22 | 560                              | 577 | XD-29 |                              |     |       |                |     |       |        |     |       | 48   |
| 49   | 440          | 457 | XD-23 | 580                              | 597 | XD-30 |                              |     |       |                |     |       |        |     |       | 49   |
| 50   | 440          | 457 | XD-23 | 580                              | 597 | XD-30 |                              |     |       |                |     |       |        |     |       | 50   |
| 51   | 440          | 457 | XD-23 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 51   |
| 52   | 460          | 477 | XD-24 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 52   |
| 53   | 460          | 477 | XD-24 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 53   |
| 54   | 460          | 477 | XD-24 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 54   |
| 55   | 480          | 497 | XD-25 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 55   |
| 56   | 480          | 497 | XD-25 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 56   |
| 57   | 500          | 517 | XD-26 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 57   |
| 58   | 500          | 517 | XD-26 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 58   |
| 59   | 500          | 517 | XD-26 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 59   |
| 60   | 520          | 537 | XD-27 |                                  |     |       |                              |     |       |                |     |       |        |     |       | 60   |

# CONNECTING DEVICES

A SWITCH

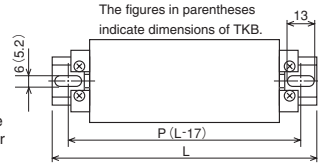
B PILOT LAMP & INDICATOR

C CONNECTING DEVICES

D ELECTRONIC DEVICES

Standard assembly dimensions are as follows

\* If the rail designation and type are known, assembled dimensions other than those shown in the following table are possible. However, those dimensions will be larger than the standard assembled dimensions.



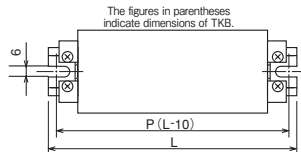
| Type<br>Pole | TX-60F |     |       | TX-60SF |     |       | TX-100F |     |       | TX-150F |     |       | TX-200F |     |       | TX-325F |     |       | Type<br>Pole |
|--------------|--------|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|--------------|
|              | P      | L   | Rail  | P       | L   | Rail  | P       | L   | Rail  | P       | L   | Rail  | P       | L   | Rail  | P       | L   | Rail  |              |
| 1            | 60     | 77  | XD-4  | 60      | 77  | XD-4  | 60      | 77  | XD-4  | 80      | 97  | XD-5  | 80      | 97  | XD-5  | 100     | 117 | XD-6  | 1            |
| 2            | 100    | 117 | XD-6  | 80      | 97  | XD-5  | 100     | 117 | XD-6  | 120     | 137 | XD-7  | 140     | 157 | XD-8  | 160     | 177 | XD-9  | 2            |
| 3            | 120    | 137 | XD-7  | 120     | 137 | XD-7  | 140     | 157 | XD-8  | 160     | 177 | XD-9  | 200     | 217 | XD-11 | 220     | 237 | XD-12 | 3            |
| 4            | 140    | 157 | XD-8  | 140     | 157 | XD-8  | 180     | 197 | XD-10 | 200     | 217 | XD-11 | 260     | 277 | XD-14 | 280     | 297 | XD-15 | 4            |
| 5            | 180    | 197 | XD-10 | 160     | 177 | XD-9  | 220     | 237 | XD-12 | 260     | 277 | XD-14 | 320     | 337 | XD-17 |         |     |       | 5            |
| 6            | 200    | 217 | XD-11 | 200     | 217 | XD-11 | 260     | 277 | XD-14 | 300     | 317 | XD-16 | 360     | 377 | XD-19 |         |     |       | 6            |
| 7            | 240    | 257 | XD-13 | 220     | 237 | XD-12 | 300     | 317 | XD-16 | 340     | 357 | XD-18 | 420     | 437 | XD-22 |         |     |       | 7            |
| 8            | 260    | 277 | XD-14 | 240     | 257 | XD-13 | 340     | 357 | XD-18 | 400     | 417 | XD-21 | 480     | 497 | XD-25 |         |     |       | 8            |
| 9            | 300    | 317 | XD-16 | 260     | 277 | XD-14 | 360     | 377 | XD-19 | 440     | 457 | XD-23 | 540     | 557 | XD-28 |         |     |       | 9            |
| 10           | 320    | 337 | XD-17 | 300     | 317 | XD-16 | 400     | 417 | XD-21 | 480     | 497 | XD-25 |         |     |       |         |     |       | 10           |
| 11           | 360    | 377 | XD-19 | 320     | 337 | XD-17 | 440     | 457 | XD-23 | 540     | 557 | XD-28 |         |     |       |         |     |       | 11           |
| 12           | 380    | 397 | XD-20 | 340     | 357 | XD-18 | 480     | 497 | XD-25 | 580     | 597 | XD-30 |         |     |       |         |     |       | 12           |
| 13           | 420    | 427 | XD-22 | 380     | 397 | XD-20 | 520     | 537 | XD-27 |         |     |       |         |     |       |         |     |       | 13           |
| 14           | 440    | 457 | XD-23 | 400     | 417 | XD-21 | 560     | 577 | XD-29 |         |     |       |         |     |       |         |     |       | 14           |
| 15           | 460    | 477 | XD-24 | 420     | 437 | XD-22 |         |     |       |         |     |       |         |     |       |         |     |       | 15           |
| 16           | 500    | 517 | XD-26 | 440     | 457 | XD-23 |         |     |       |         |     |       |         |     |       |         |     |       | 16           |
| 17           | 520    | 537 | XD-27 | 480     | 497 | XD-25 |         |     |       |         |     |       |         |     |       |         |     |       | 17           |
| 18           | 560    | 577 | XD-29 | 500     | 517 | XD-26 |         |     |       |         |     |       |         |     |       |         |     |       | 18           |
| 19           | 580    | 597 | XD-30 | 520     | 537 | XD-27 |         |     |       |         |     |       |         |     |       |         |     |       | 19           |
| 20           |        |     |       | 560     | 577 | XD-29 |         |     |       |         |     |       |         |     |       |         |     |       | 20           |



# TX TYPE

## TABLE OF ASSEMBLED DIMENSIONS

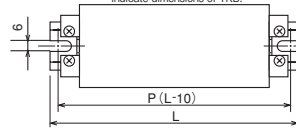
TX type assembly on U-cut rail

**TXB-F** type


| Type<br>Pole | TX-2 · TX-2F |     |        | TX-5.5 · 5.5S<br>TX-5.5F · 5.5SF |     |        | TX-14 · 14S<br>TX-14F · 14SF |     |        | TX-22 · TX-22F |     |        | TX-38F |     |        | Type<br>Pole |
|--------------|--------------|-----|--------|----------------------------------|-----|--------|------------------------------|-----|--------|----------------|-----|--------|--------|-----|--------|--------------|
|              | P            | L   | Rail   | P                                | L   | Rail   | P                            | L   | Rail   | P              | L   | Rail   | P      | L   | Rail   |              |
| 1            | 45           | 55  | XF-55  | 50                               | 60  | XF-60  | 50                           | 60  | XF-60  | 55             | 65  | XF-65  | 55     | 65  | XF-65  | 1            |
| 2            | 55           | 65  | XF-65  | 60                               | 70  | XF-70  | 65                           | 75  | XF-75  | 75             | 85  | XF-85  | 75     | 85  | XF-85  | 2            |
| 3            | 60           | 70  | XF-70  | 70                               | 80  | XF-80  | 80                           | 90  | XF-90  | 95             | 105 | XF-105 | 100    | 110 | XF-110 | 3            |
| 4            | 70           | 80  | XF-80  | 80                               | 90  | XF-90  | 95                           | 105 | XF-105 | 115            | 125 | XF-125 | 125    | 135 | XF-135 | 4            |
| 5            | 75           | 85  | XF-85  | 90                               | 100 | XF-100 | 105                          | 115 | XF-115 | 135            | 145 | XF-145 | 150    | 160 | XF-160 | 5            |
| 6            | 85           | 95  | XF-95  | 105                              | 115 | XF-115 | 120                          | 130 | XF-130 | 155            | 165 | XF-165 | 175    | 185 | XF-185 | 6            |
| 7            | 95           | 105 | XF-105 | 115                              | 125 | XF-125 | 135                          | 145 | XF-145 | 175            | 185 | XF-185 | 200    | 210 | XF-210 | 7            |
| 8            | 100          | 110 | XF-110 | 125                              | 135 | XF-135 | 150                          | 160 | XF-160 | 195            | 205 | XF-205 | 225    | 235 | XF-235 | 8            |
| 9            | 110          | 120 | XF-120 | 135                              | 145 | XF-145 | 165                          | 175 | XF-175 | 215            | 225 | XF-225 | 250    | 260 | XF-260 | 9            |
| 10           | 115          | 125 | XF-125 | 145                              | 155 | XF-155 | 175                          | 185 | XF-185 | 235            | 245 | XF-245 | 275    | 285 | XF-285 | 10           |
| 11           | 125          | 135 | XF-135 | 160                              | 170 | XF-170 | 190                          | 200 | XF-200 | 255            | 265 | XF-265 | 300    | 310 | XF-310 | 11           |
| 12           | 135          | 145 | XF-145 | 170                              | 180 | XF-180 | 205                          | 215 | XF-215 | 275            | 285 | XF-285 | 320    | 330 | XF-330 | 12           |
| 13           | 140          | 150 | XF-150 | 180                              | 190 | XF-190 | 220                          | 230 | XF-230 | 295            | 305 | XF-305 | 345    | 355 | XF-355 | 13           |
| 14           | 150          | 160 | XF-160 | 190                              | 200 | XF-200 | 235                          | 245 | XF-245 | 315            | 325 | XF-325 | 370    | 380 | XF-380 | 14           |
| 15           | 155          | 165 | XF-165 | 200                              | 210 | XF-210 | 245                          | 255 | XF-255 | 335            | 345 | XF-345 | 400    | 410 | XF-410 | 15           |
| 16           | 165          | 175 | XF-175 | 215                              | 225 | XF-225 | 260                          | 270 | XF-270 | 355            | 365 | XF-365 | 420    | 430 | XF-430 | 16           |
| 17           | 175          | 185 | XF-185 | 225                              | 235 | XF-235 | 275                          | 285 | XF-285 | 375            | 385 | XF-385 | 445    | 455 | XF-455 | 17           |
| 18           | 180          | 190 | XF-190 | 235                              | 245 | XF-245 | 290                          | 300 | XF-300 | 395            | 405 | XF-405 | 470    | 480 | XF-480 | 18           |
| 19           | 190          | 200 | XF-200 | 245                              | 255 | XF-255 | 305                          | 315 | XF-315 | 415            | 425 | XF-425 | 495    | 505 | XF-505 | 19           |
| 20           | 195          | 205 | XF-205 | 255                              | 265 | XF-265 | 315                          | 325 | XF-325 | 435            | 445 | XF-445 | 520    | 530 | XF-530 | 20           |
| 21           | 205          | 215 | XF-215 | 270                              | 280 | XF-280 | 330                          | 340 | XF-340 | 455            | 465 | XF-465 | 545    | 555 | XF-555 | 21           |
| 22           | 215          | 225 | XF-225 | 280                              | 290 | XF-290 | 345                          | 355 | XF-355 | 475            | 485 | XF-485 | 565    | 575 | XF-575 | 22           |
| 23           | 220          | 230 | XF-230 | 290                              | 300 | XF-300 | 360                          | 370 | XF-370 | 495            | 505 | XF-505 | 590    | 600 | XF-600 | 23           |
| 24           | 230          | 240 | XF-240 | 300                              | 310 | XF-310 | 375                          | 385 | XF-385 | 515            | 525 | XF-525 |        |     |        | 24           |
| 25           | 235          | 245 | XF-245 | 310                              | 320 | XF-320 | 385                          | 395 | XF-395 | 535            | 545 | XF-545 |        |     |        | 25           |
| 26           | 245          | 255 | XF-255 | 325                              | 335 | XF-335 | 400                          | 410 | XF-410 | 555            | 565 | XF-565 |        |     |        | 26           |
| 27           | 255          | 265 | XF-265 | 335                              | 345 | XF-345 | 415                          | 425 | XF-425 | 575            | 585 | XF-585 |        |     |        | 27           |
| 28           | 260          | 270 | XF-270 | 345                              | 355 | XF-355 | 430                          | 440 | XF-440 |                |     |        |        |     |        | 28           |
| 29           | 270          | 280 | XF-280 | 355                              | 365 | XF-365 | 445                          | 455 | XF-455 |                |     |        |        |     |        | 29           |
| 30           | 275          | 285 | XF-285 | 365                              | 375 | XF-375 | 455                          | 465 | XF-465 |                |     |        |        |     |        | 30           |
| 31           | 285          | 295 | XF-295 | 380                              | 390 | XF-390 | 470                          | 480 | XF-480 |                |     |        |        |     |        | 31           |
| 32           | 295          | 305 | XF-305 | 390                              | 400 | XF-400 | 485                          | 495 | XF-495 |                |     |        |        |     |        | 32           |
| 33           | 300          | 310 | XF-310 | 400                              | 410 | XF-410 | 500                          | 510 | XF-510 |                |     |        |        |     |        | 33           |
| 34           | 310          | 320 | XF-320 | 410                              | 420 | XF-420 | 515                          | 525 | XF-525 |                |     |        |        |     |        | 34           |
| 35           | 315          | 325 | XF-325 | 420                              | 430 | XF-430 | 525                          | 535 | XF-535 |                |     |        |        |     |        | 35           |
| 36           | 325          | 335 | XF-335 | 435                              | 445 | XF-445 | 540                          | 550 | XF-550 |                |     |        |        |     |        | 36           |
| 37           | 335          | 345 | XF-345 | 445                              | 455 | XF-455 | 555                          | 565 | XF-565 |                |     |        |        |     |        | 37           |
| 38           | 340          | 350 | XF-350 | 455                              | 465 | XF-465 | 570                          | 580 | XF-580 |                |     |        |        |     |        | 38           |
| 39           | 350          | 360 | XF-360 | 465                              | 475 | XF-475 | 585                          | 595 | XF-595 |                |     |        |        |     |        | 39           |
| 40           | 355          | 365 | XF-365 | 475                              | 485 | XF-485 |                              |     |        |                |     |        |        |     |        | 40           |
| 41           | 365          | 375 | XF-375 | 490                              | 500 | XF-500 |                              |     |        |                |     |        |        |     |        | 41           |
| 42           | 375          | 385 | XF-385 | 500                              | 510 | XF-510 |                              |     |        |                |     |        |        |     |        | 42           |
| 43           | 380          | 390 | XF-390 | 510                              | 520 | XF-520 |                              |     |        |                |     |        |        |     |        | 43           |
| 44           | 390          | 400 | XF-400 | 520                              | 530 | XF-530 |                              |     |        |                |     |        |        |     |        | 44           |
| 45           | 395          | 405 | XF-405 | 530                              | 540 | XF-540 |                              |     |        |                |     |        |        |     |        | 45           |
| 46           | 405          | 415 | XF-415 | 545                              | 555 | XF-555 |                              |     |        |                |     |        |        |     |        | 46           |
| 47           | 415          | 425 | XF-425 | 555                              | 565 | XF-565 |                              |     |        |                |     |        |        |     |        | 47           |
| 48           | 420          | 430 | XF-430 | 565                              | 575 | XF-575 |                              |     |        |                |     |        |        |     |        | 48           |
| 49           | 430          | 440 | XF-440 | 575                              | 585 | XF-585 |                              |     |        |                |     |        |        |     |        | 49           |
| 50           | 435          | 445 | XF-445 | 585                              | 595 | XF-595 |                              |     |        |                |     |        |        |     |        | 50           |
| 51           | 445          | 455 | XF-455 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 51           |
| 52           | 455          | 465 | XF-465 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 52           |
| 53           | 460          | 470 | XF-470 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 53           |
| 54           | 470          | 480 | XF-480 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 54           |
| 55           | 475          | 485 | XF-485 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 55           |
| 56           | 485          | 495 | XF-495 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 56           |
| 57           | 495          | 505 | XF-505 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 57           |
| 58           | 500          | 510 | XF-510 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 58           |
| 59           | 510          | 520 | XF-520 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 59           |
| 60           | 515          | 525 | XF-525 |                                  |     |        |                              |     |        |                |     |        |        |     |        | 60           |

# CONNECTING DEVICES

The figures in parentheses indicate dimensions of TXB.



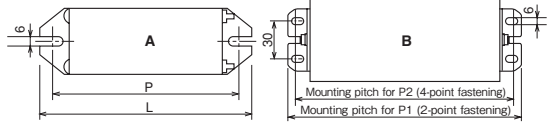
TX type assembly on U-cut rail

## TXB-F type

| Type | TX-60F |     |        | TX-60SF |     |        | TX-100F |     |        | TX-150F |     |        | TX-200F |     |        | TX-325F |     |        | Type |
|------|--------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|------|
| Pole | P      | L   | Rail   | P       | L   | Rail   | P       | L   | Rail   | P       | L   | Rail   | P       | L   | Rail   | P       | L   | Rail   | Pole |
| 1    | 55     | 65  | XF-65  | 55      | 65  | XF-65  | 60      | 70  | XF-70  | 70      | 80  | XF-80  | 80      | 90  | XF-90  | 90      | 100 | XF-100 | 1    |
| 2    | 85     | 95  | XF-95  | 80      | 90  | XF-90  | 100     | 110 | XF-110 | 115     | 125 | XF-125 | 135     | 145 | XF-145 | 155     | 165 | XF-165 | 2    |
| 3    | 115    | 125 | XF-125 | 105     | 115 | XF-115 | 135     | 145 | XF-145 | 160     | 170 | XF-170 | 195     | 205 | XF-205 | 220     | 230 | XF-230 | 3    |
| 4    | 145    | 155 | XF-155 | 135     | 145 | XF-145 | 175     | 185 | XF-185 | 205     | 215 | XF-215 | 250     | 260 | XF-260 | 285     | 295 | XF-295 | 4    |
| 5    | 175    | 185 | XF-185 | 160     | 170 | XF-170 | 210     | 220 | XF-220 | 250     | 260 | XF-260 | 305     | 315 | XF-315 |         |     |        | 5    |
| 6    | 200    | 210 | XF-210 | 185     | 195 | XF-195 | 250     | 260 | XF-260 | 300     | 310 | XF-310 | 365     | 375 | XF-375 |         |     |        | 6    |
| 7    | 235    | 245 | XF-245 | 210     | 220 | XF-220 | 290     | 300 | XF-300 | 345     | 355 | XF-355 | 420     | 430 | XF-430 |         |     |        | 7    |
| 8    | 260    | 270 | XF-270 | 235     | 245 | XF-245 | 325     | 335 | XF-335 | 390     | 400 | XF-400 | 480     | 490 | XF-490 |         |     |        | 8    |
| 9    | 290    | 300 | XF-300 | 265     | 275 | XF-275 | 365     | 375 | XF-375 | 435     | 445 | XF-445 | 535     | 545 | XF-545 |         |     |        | 9    |
| 10   | 320    | 330 | XF-330 | 290     | 300 | XF-300 | 400     | 410 | XF-410 | 480     | 490 | XF-490 | 575     | 585 | XF-585 |         |     |        | 10   |
| 11   | 345    | 355 | XF-355 | 315     | 325 | XF-325 | 440     | 450 | XF-450 | 530     | 540 | XF-540 |         |     |        |         |     |        | 11   |
| 12   | 375    | 385 | XF-385 | 340     | 350 | XF-350 | 480     | 490 | XF-490 | 575     | 585 | XF-585 |         |     |        |         |     |        | 12   |
| 13   | 405    | 415 | XF-415 | 365     | 375 | XF-375 | 515     | 525 | XF-525 |         |     |        |         |     |        |         |     |        | 13   |
| 14   | 435    | 445 | XF-445 | 395     | 405 | XF-405 | 555     | 565 | XF-565 |         |     |        |         |     |        |         |     |        | 14   |
| 15   | 465    | 475 | XF-475 | 420     | 430 | XF-430 | 585     | 600 | XF-585 |         |     |        |         |     |        |         |     |        | 15   |
| 16   | 490    | 500 | XF-500 | 445     | 455 | XF-455 |         |     |        |         |     |        |         |     |        |         |     |        | 16   |
| 17   | 530    | 540 | XF-530 | 470     | 480 | XF-480 |         |     |        |         |     |        |         |     |        |         |     |        | 17   |
| 18   | 560    | 580 | XF-560 | 495     | 505 | XF-505 |         |     |        |         |     |        |         |     |        |         |     |        | 18   |
| 19   | 580    | 590 | XF-590 | 525     | 535 | XF-535 |         |     |        |         |     |        |         |     |        |         |     |        | 19   |
| 20   |        |     |        | 550     | 560 | XF-560 |         |     |        |         |     |        |         |     |        |         |     |        | 20   |

TX type with shaft

## TXS type



| Shape | A     |     |     |         |     |     |        |     |       |        |       |     |         |     |     |         |     |     | B        |     |     |          |     |     |          |     |     |          |     |     |          |     |      |      |  |  | Shape |
|-------|-------|-----|-----|---------|-----|-----|--------|-----|-------|--------|-------|-----|---------|-----|-----|---------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|-----|----------|-----|------|------|--|--|-------|
| Type  | TXS-2 |     |     | TXS-5.5 |     |     | TXS-14 |     |       | TXS-22 |       |     | TXS-38F |     |     | TXS-60F |     |     | TXS-60SF |     |     | TXS-100F |     |     | TXS-150F |     |     | TXS-200F |     |     | TXS-325F |     |      | Type |  |  |       |
| Pole  | P     | L   | P   | L       | P   | L   | P      | L   | P1    | P2     | L     | P1  | P2      | L   | P1  | P2      | L   | P1  | P2       | L   | P1  | P2       | L   | P1  | P2       | L   | P1  | P2       | L   | P1  | P2       | L   | Pole |      |  |  |       |
| 2     | 42    | 56  | 48  | 62      | 54  | 68  | 66     | 80  | 79    | 75     | 91    | 88  | 84      | 100 | 83  | 79      | 95  | 100 | 96       | 112 | 116 | 112      | 128 | 138 | 134      | 150 | 154 | 150      | 166 | 154 | 150      | 166 | 2    |      |  |  |       |
| 3     | 50    | 64  | 59  | 73      | 68  | 82  | 86     | 100 | 103.5 | 99.5   | 115.5 | 117 | 113     | 129 | 109 | 105     | 121 | 138 | 134      | 150 | 162 | 158      | 174 | 195 | 191      | 207 | 219 | 215      | 231 | 219 | 215      | 231 | 3    |      |  |  |       |
| 4     | 58    | 72  | 70  | 84      | 82  | 96  | 106    | 120 | 128   | 124    | 144   | 146 | 142     | 158 | 135 | 131     | 147 | 176 | 172      | 188 | 208 | 204      | 220 | 252 | 248      | 264 | 284 | 280      | 296 | 284 | 280      | 296 | 4    |      |  |  |       |
| 5     | 66    | 80  | 81  | 95      | 96  | 110 | 126    | 140 | 152.5 | 148.5  | 164.5 | 175 | 171     | 187 | 161 | 157     | 173 | 214 | 210      | 226 | 254 | 250      | 266 | 309 | 305      | 321 | 349 | 345      | 361 | 349 | 345      | 361 | 5    |      |  |  |       |
| 6     | 74    | 88  | 92  | 106     | 110 | 124 | 146    | 160 | 177   | 173    | 189   | 204 | 200     | 216 | 187 | 183     | 199 | 252 | 248      | 264 | 300 | 296      | 312 | 366 | 362      | 378 | 414 | 410      | 426 | 414 | 410      | 426 | 6    |      |  |  |       |
| 7     | 82    | 96  | 103 | 117     | 124 | 136 | 166    | 180 | 201.5 | 197.5  | 213.5 | 233 | 229     | 245 | 213 | 209     | 225 | 290 | 286      | 302 | 346 | 342      | 358 | 423 | 419      | 435 | 479 | 475      | 491 | 479 | 475      | 491 | 7    |      |  |  |       |
| 8     | 90    | 104 | 114 | 128     | 136 | 152 | 186    | 200 | 226   | 222    | 238   | 262 | 258     | 274 | 239 | 235     | 251 | 328 | 324      | 340 | 392 | 388      | 404 | 480 | 476      | 492 | 544 | 540      | 556 | 544 | 540      | 556 | 8    |      |  |  |       |
| 9     | 98    | 112 | 125 | 139     | 152 | 166 | 206    | 220 | 250.5 | 246.5  | 262.5 | 291 | 287     | 303 | 265 | 261     | 277 | 366 | 362      | 378 | 438 | 434      | 450 | 537 | 533      | 549 | 609 | 605      | 621 | 609 | 605      | 621 | 9    |      |  |  |       |
| 10    | 106   | 120 | 136 | 150     | 166 | 180 | 226    | 240 | 275   | 271    | 287   | 320 | 316     | 332 | 291 | 287     | 303 | 404 | 400      | 416 | 484 | 480      | 496 |     |          |     |     |          |     |     |          |     | 10   |      |  |  |       |
| 11    | 114   | 128 | 147 | 161     | 180 | 194 | 246    | 260 | 299.5 | 295.5  | 311.5 | 349 | 345     | 361 | 317 | 313     | 329 | 442 | 438      | 454 | 530 | 526      | 542 |     |          |     |     |          |     |     |          |     | 11   |      |  |  |       |
| 12    | 122   | 136 | 158 | 172     | 194 | 208 | 266    | 280 | 324   | 320    | 336   | 378 | 374     | 390 | 343 | 339     | 355 | 480 | 476      | 492 | 576 | 572      | 588 |     |          |     |     |          |     |     |          |     | 12   |      |  |  |       |
| 13    | 130   | 144 | 169 | 183     | 208 | 222 | 286    | 300 | 348.5 | 344.5  | 360.5 | 407 | 403     | 419 | 369 | 365     | 381 | 518 | 514      | 530 |     |          |     |     |          |     |     |          |     |     |          |     | 13   |      |  |  |       |
| 14    | 138   | 152 | 180 | 194     | 222 | 236 | 306    | 320 | 373   | 369    | 385   | 436 | 432     | 448 | 395 | 391     | 407 | 556 | 552      | 568 |     |          |     |     |          |     |     |          |     |     |          |     | 14   |      |  |  |       |
| 15    | 146   | 160 | 191 | 205     | 236 | 250 | 326    | 340 | 397.5 | 393.5  | 409.5 | 465 | 461     | 477 | 421 | 417     | 433 |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 15   |      |  |  |       |
| 16    | 154   | 168 | 202 | 216     | 250 | 264 | 346    | 360 | 422   | 418    | 434   | 494 | 490     | 506 | 447 | 443     | 459 |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 16   |      |  |  |       |
| 17    | 162   | 176 | 213 | 227     | 264 | 278 | 366    | 380 | 446.5 | 442.5  | 458.5 | 523 | 519     | 535 | 473 | 469     | 485 |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 17   |      |  |  |       |
| 18    | 170   | 184 | 224 | 238     | 278 | 292 | 386    | 400 | 471   | 467    | 483   | 552 | 548     | 564 | 499 | 495     | 511 |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 18   |      |  |  |       |
| 19    | 178   | 192 | 235 | 249     | 292 | 306 | 406    | 420 | 495.5 | 491.5  | 507.5 | 581 | 577     | 593 | 525 | 521     | 537 |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 19   |      |  |  |       |
| 20    | 186   | 200 | 246 | 260     | 306 | 320 | 426    | 440 | 520   | 516    | 532   | 610 | 606     | 622 | 551 | 547     | 563 |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 20   |      |  |  |       |
| 21    | 194   | 208 | 257 | 271     | 320 | 334 | 446    | 460 |       |        |       |     |         |     | 577 | 573     | 589 |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 21   |      |  |  |       |
| 22    | 202   | 216 | 268 | 282     | 334 | 348 | 466    | 480 |       |        |       |     |         |     |     |         |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 22   |      |  |  |       |
| 23    | 210   | 224 | 279 | 293     | 348 | 362 | 486    | 500 |       |        |       |     |         |     |     |         |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 23   |      |  |  |       |
| 24    | 218   | 232 | 290 | 304     | 362 | 376 | 506    | 520 |       |        |       |     |         |     |     |         |     |     |          |     |     |          |     |     |          |     |     |          |     |     |          |     | 24   |      |  |  |       |



UP-SCREW TYPE TERMINAL BLOCK

# TX TYPE

## ACCESSORIES

### LIST OF APPLICABLE ACCESSORIES

| Accessory |          | End plate                                                                         | Marker strip                                                                      |                                                                                   | Marker strip case                                                                 | Marker sheet           |
|-----------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|
|           |          |  |  |  |  |                        |
| Type      |          |                                                                                   | Applicable                                                                        | Semi-applicable                                                                   |                                                                                   |                        |
| TX TYPE   | TX-2     | TXE-2                                                                             | TUM-2                                                                             | TXM-18                                                                            | TUM marker strip case 10                                                          | TX-2, 5.5 marker sheet |
|           | TX-2F    |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-5.5   | TXE-5.5                                                                           |                                                                                   | _____                                                                             |                                                                                   |                        |
|           | TX-5.5F  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-5.5S  | TXE-5.5S                                                                          |                                                                                   | _____                                                                             |                                                                                   |                        |
|           | TX-5.5SF |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-14    | TXE-14                                                                            |                                                                                   | TXM-18                                                                            |                                                                                   |                        |
|           | TX-14F   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-14S   | TXE-14S                                                                           |                                                                                   | _____                                                                             |                                                                                   |                        |
|           | TX-14SF  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-22    | TXE-22                                                                            |                                                                                   | TXM-18                                                                            |                                                                                   |                        |
|           | TX-22F   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-38F   | TXE-38                                                                            |                                                                                   | _____                                                                             |                                                                                   |                        |
|           | TX-60F   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-60SF  | TXE-60S                                                                           |                                                                                   | _____                                                                             |                                                                                   |                        |
|           | TX-100F  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-150F  | _____                                                                             |                                                                                   | _____                                                                             |                                                                                   |                        |
|           | TX-200F  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-325F  | _____                                                                             |                                                                                   | _____                                                                             |                                                                                   |                        |
|           | TX-5.5U  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-5.5R  | TXE-5.5R                                                                          |                                                                                   | TXM-18                                                                            |                                                                                   | TX-2, 5.5 marker sheet |
|           | TX-5.5SR |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                        |
|           | TX-14SR  | TXE-14SR                                                                          |                                                                                   | _____                                                                             |                                                                                   | TX-14, 22 marker sheet |

# CONNECTING DEVICES

| Aluminum rail                                                                     |                                          | End clamp                                                                         |                   | Cover                                                                             | Jumper                                                                            | Accessory |         |  |          |  |          |  |  |
|-----------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|---------|--|----------|--|----------|--|--|
|  |                                          |  |                   |  |  | Type      |         |  |          |  |          |  |  |
| Applicable                                                                        | Semi-applicable                          | Applicable                                                                        | Semi-applicable   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
| TXB                                                                               | TKB, TUB                                 | TXL                                                                               | TJL, TUL          | TUC-2, TUC-2-V0                                                                   | SB8RCB, SB8CB                                                                     | TX-2      | TX TYPE |  |          |  |          |  |  |
|                                                                                   |                                          |                                                                                   |                   | TUC-3, TUC-3-V0                                                                   | SB11CB                                                                            | TX-2F     |         |  |          |  |          |  |  |
|                                                                                   | TKB                                      |                                                                                   | TJL               |                                                                                   |                                                                                   | TX-5.5    |         |  |          |  |          |  |  |
|                                                                                   |                                          |                                                                                   | TKB, TUB          |                                                                                   |                                                                                   | TJL, TUL  |         |  | TX-5.5F  |  |          |  |  |
|                                                                                   | TX-5.5S                                  |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TKB                                      |                                                                                   |                   |                                                                                   |                                                                                   | TJL       |         |  | TX-5.5SF |  |          |  |  |
|                                                                                   |                                          |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  | TKB, TUB |  | TJL, TUL |  |  |
|                                                                                   | TX-14F                                   |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TKB                                      |                                                                                   |                   |                                                                                   |                                                                                   | TJL       |         |  |          |  | TX-14S   |  |  |
|                                                                                   |                                          |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  | TX-14SF  |  |  |
|                                                                                   | TUC-8, TUC-8-V0                          |                                                                                   | TX-22             |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   |                                          |                                                                                   | TUC-40, TUC-40-V0 |                                                                                   |                                                                                   | TX-22F    |         |  |          |  |          |  |  |
|                                                                                   | TX-38F                                   |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TX-60F                                   |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TXC-100, TXC-100-V0                      |                                                                                   | TX-60SF           |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TXC-100F                                 |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TXC-150, TXC-150-V0                      |                                                                                   | TX-100F           |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TX-150F                                  |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TXC-200, TXC-200-V0<br>TXC-200CV-L cover |                                                                                   | TX-200F           |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TX-200F                                  |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   | TXC-325, TXC-325-V0<br>TXC-325CV-L cover |                                                                                   | TX-325F           |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
| TX-325F                                                                           |                                          |                                                                                   |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
| TKB                                                                               |                                          |                                                                                   | TJL               | TUC-3, TUC-3-V0                                                                   | SB11CB                                                                            | TX-5.5U   |         |  |          |  |          |  |  |
|                                                                                   |                                          | TUC-6, TUC-6-V0                                                                   |                   | TX-5.5R                                                                           |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   |                                          | TX-5.5SR                                                                          |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |
|                                                                                   |                                          | TX-14SR                                                                           |                   |                                                                                   |                                                                                   |           |         |  |          |  |          |  |  |

A SWITCH

B PILOT LAMP & INDICATOR

C CONNECTING DEVICES

D ELECTRONIC DEVICES



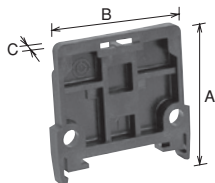
UP-SCREW TYPE TERMINAL BLOCK

# TX TYPE

## ACCESSORIES

### End plate

(Order unit: 100)



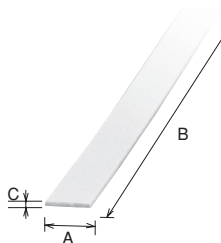
| Type name | TXE-2 | TXE-5.5 | TXE-5.5S | TXE-14 | TXE-14S | TXE-22 |
|-----------|-------|---------|----------|--------|---------|--------|
| A         | 36.5  | 39.5    | 31.5     | 47.5   | 38.6    | 54     |
| B         | 38    | 40      | 40       | 45     | 45      | 50     |
| C         | 5     | 5       | 5        | 5      | 5       | 5      |

| Type name | TXE-38 | TXE-60S | TXE-5.5U | TXE-5.5R | TXE-5.5SR | TXE-14SR |
|-----------|--------|---------|----------|----------|-----------|----------|
| A         | 57     | 62      | 39.5     | 39.5     | 31.5      | 38.6     |
| B         | 80     | 80      | 40       | 40       | 40        | 45       |
| C         | 3      | 3       | 5        | 5        | 5         | 5        |

### Marker strip

(Order unit: 100)



| Type name | TUM-1*<br>(TUM marker strip 8A ABS) | TUM-2*<br>(TUM marker strip 10A ABS) | TXM-18 |
|-----------|-------------------------------------|--------------------------------------|--------|
| A         | 8                                   | 10                                   | 18     |
| B         | 900                                 | 900                                  | 900    |
| C         | 1.0                                 | 1.0                                  | 0.5    |

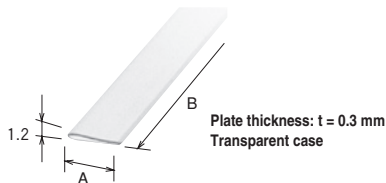
\* Plate thickness  $t = 0.5$  mm specification is available.

Type: TUM-1 0.5T (TUM marker strip 8ABS 0.5)

Type: TUM-2 0.5T (TUM marker strip 10ABS 0.5)

### Marker strip case

(Order unit: 100)

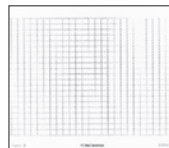


| Type name | TUM marker<br>strip case 8 | TUM marker<br>strip case 10 |
|-----------|----------------------------|-----------------------------|
| A         | 8                          | 10.2                        |
| B         | 1,000                      | 1,000                       |

### Marker sheet

(Order unit: 100)

Printable area: A4-size

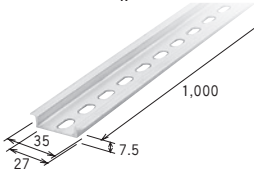
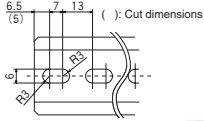


| Type name | TX-2, 5.5<br>marker sheet | TX-14, 22<br>marker sheet |
|-----------|---------------------------|---------------------------|
| Pitch     | 8, 11                     | 14, 20                    |

## Aluminum rail

### ●TXB (DIN rail)

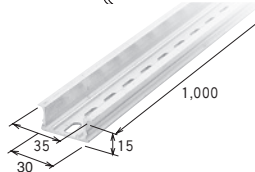
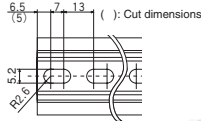
(Order unit: 50)



Applicable end clamp  
TXL,TJL,TCL

### ●TKB (Reinforced DIN rail)

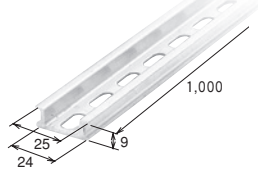
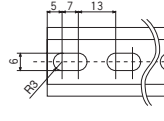
(Order unit: 20)



Applicable end clamp  
TXL,TJL,TCL

### ●TUB (Fuji exclusive rail)

(Order unit: 50)

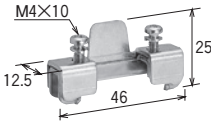


Applicable end clamp  
TUL,TUL-W

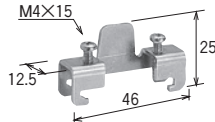
## End clamp

(Order unit: 50)

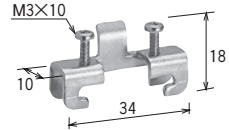
### ●TXL (For TXB)



### ●TJL (For TXB)



### ●TUL (For TUB)



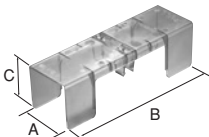
## Cover

(Order unit: 20)

### ●TUC, TXC cover



### ●TXC-200CV-L cover TXC-325CV-L cover



| Type name | TUC-1                 | TUC-2<br>TUC-2-V0     | TUC-3<br>TUC-3-V0     | TUC-6<br>TUC-6-V0     | TUC-8<br>TUC-8-V0         | TUC-40 1M<br>TUC-40 1M-V0 |
|-----------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|---------------------------|
| A         | 30                    | 35                    | 40                    | 45                    | 50                        | 80                        |
| B         | 1,000                 | 1,000                 | 1,000                 | 1,000                 | 1,000                     | 1,000                     |
| C         | 4.5                   | 5.6                   | 5.6                   | 5.6                   | 7                         | 7.5                       |
| Type name | TXC-100<br>TXC-100-V0 | TXC-150<br>TXC-150-V0 | TXC-200<br>TXC-200-V0 | TXC-325<br>TXC-325-V0 | TXC-200CV-L <sup>*)</sup> | TXC-325CV-L <sup>*)</sup> |
| A         | 100                   | 100                   | 100                   | 100                   | 56.3                      | 62                        |
| B         | 34.8                  | 42.8                  | 53.8                  | 59.5                  | 200                       | 200                       |
| C         | 8.1                   | 8.1                   | 8.1                   | 8.1                   | 88                        | 60                        |

\* The end "V0" is a flame retardant grade UL94V-0 specification product.

\*1 Even crimp terminals can be protected. (sold separately)



UP-SCREW TYPE TERMINAL BLOCK

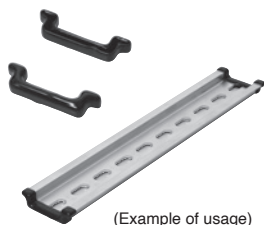
# TX TYPE

## ACCESSORIES (Single product sale)

### Rail cap

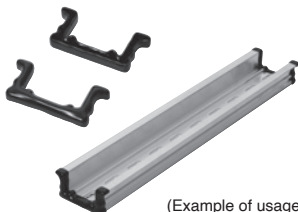
(Order unit: 100)

- Cap for DIN rail  
TXB CAP-PVC



(Example of usage)

- Cap for DIN rail  
(High-strength type)  
TKB CAP-PVC



(Example of usage)

- Cap for Fuji exclusive rail  
TUB CAP-PVC



(Example of usage)

\* Only single product sale.

### Jumper

(Order unit: 10)

| With<br>insulation<br>coat | 2 poles  | SB8CB-2<br>(TU-15 SbarC-B 2P)   | SB8RCB-2  | SB11CB-2  | SB14CB-2<br>(TCS-14 SB14CB-2)             |
|----------------------------|----------|---------------------------------|-----------|-----------|-------------------------------------------|
|                            | 12 poles | SB8CB-12<br>(TU-15 SbarC-B 12P) | SB8RCB-12 | SB11CB-12 | SB14CB-12<br>(TCS-14 SB14CB-12)           |
| Dimensions                 |          |                                 |           |           |                                           |
|                            |          |                                 |           |           | Rated current-carrying capacity (Ith) 30A |

### Name plate mount

(Order unit: 50)

- TX NP mount S

- TX NP mount lens



(Assembled state)

\* The NP mount can be attached to TXL (end clamp).