

**CEA**<sup>®</sup>

**Anlen Tan**  
Managing Director

**CEA GROUP INTERNATIONAL CO.,LTD.**

ADD: Sanjiali Industrial Zone,Zhucheng Road,Panshi,Yueqing,  
Zhejiang,China P.C.: 325602  
Tel: +86 577 6178 9668 6277 9533 Fax: +86 577 6178 9669  
Mobile: +86 139 0587 9233  
E-mail: anlen@ceaworld.com  
Http://www.ceaworld.com

**CEA**<sup>®</sup>



**CEA GROUP INTERNATIONAL CO.,LTD.**

ADD: Sanjiali Industrial Zone,Zhucheng Road,Panshi,Yueqing,  
Zhejiang,China P.C.: 325602

TEL : 0086-577-61789668 62779533

FAX : 0086-577-61789669

E-mail: anlen@ceaworld.com

Http://www.ceaworld.com

**CEA GROUP INTERNATIONAL CO.,LTD.**





Factory Area

## Brief » Introduction

Founded in 1999, CEA Group International Co.,Ltd. is acknowledged as one of the most respected nationwide manufacturers and exporters of low voltage electrical apparatus in P.R of China.

The Group, comprising more than 5 factories, owns a production area of 50,000m<sup>2</sup> and employs more than 1,000 staff. During the past 14 years, we've invested abundant resources in both R&D and employee training programs. The company is ranked in 100 tops of Wenzhou private enterprises. CEA is known as a famous trademark in domestic and overseas markets. The company took the lead in applying ISO9001 Quality Management System and ISO 14001 Environmental management system. Many products are certified with CB, CE, BS, VDE, UL, C-Tick, SONCAP, CCC.

Currently, we have manufactured and exported more than 160 varieties of products, with over 2000 types of low voltage electrical apparatus including all kinds of Circuit Breakers, Contactors, Relays, Starters, Switches, Panel Meters, Fuses, Mechanical Instruments, Wire & Cable, LED Lighting and Electrical Accessories etc. We have already established long-term business relationship with renowned customers in South East Asia, Middle East, South America, Africa, and Europe.

We are fully aware of the fact that only "Versatile Staff, Distinctive Quality and Advanced Technology" can keep us survive and succeed in today's intensively competitive market. Hence, we will be with overall technology support, and good service to meet the requirements of the world.

Enquiries from both domestic and overseas customers are cordially welcomed. Just Tell Us Your Requirements and Let Us Do The Rest For You!

## » Certifications



Contents

|           |                                                                                     |           |                                                                                     |           |                                                                                      |           |                                                                                       |           |                                                                                       |           |                                                                                       |        |                                                                                       |        |                                                                                       |
|-----------|-------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|
| Page01-06 |    | Page07    |   | Page08    |   | Page40    |    | Page40-41 |    | Page42-44 |    | Page45 |    |        |                                                                                       |
| Page09    |    | Page10    |    | Page11-12 |    | Page13    |    | Page46-47 |    | Page48    |    | Page49 |    | Page50 |    |
| Page14    |    | Page15    |    | Page16-17 |    | Page18    |    | Page51    |    | Page52    |    | Page53 |    | Page54 |    |
| Page19    |   | Page20    |   | Page21    |    | Page22-23 |   | Page54    |    | Page55    |   | Page56 |   | Page56 |    |
| Page23-24 |  | Page25    |  | Page26    |  | Page27    |  | Page57    |  | Page57    |  | Page58 |  | Page59 |  |
| Page27    |  | Page28-29 |  | Page29    |  | Page30    |  | Page60    |  | Page61    |  | Page62 |  | Page63 |  |
| Page31    |  | Page31    |  | Page32    |  | Page32    |  | Page63    |  | Page64    |  | Page65 |  | Page66 |  |
| Page33    |  | Page34    |  | Page35    |  | Page36-37 |  | Page67    |  | Page68    |  | Page69 |  | Page70 |  |
| Page37    |  | Page38    |  | Page39    |  | Page39    |  | Page71-73 |  | Page74-79 |  |        |                                                                                       |        |                                                                                       |



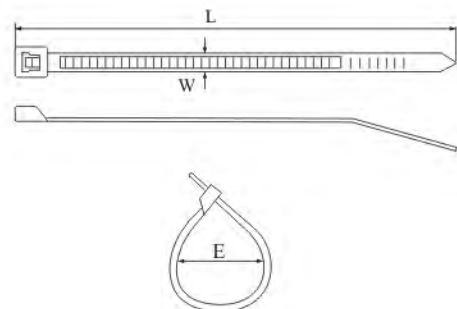
### Self-locking Nylon Cable Ties

**Material:** Nylon 66, 94V-2 by UL. Heat-resisting, acid & erosion control, insulate well and not apt to age.

**Operating temperature:** -35°C to 85°C.

**Color:** Natural (or white, standard color), UV black and other colors are available as requested.

| Item No.   | L       |     | W (mm) | Bundle Dia. E (mm) | Min. loop Tensile Strength |     |
|------------|---------|-----|--------|--------------------|----------------------------|-----|
|            | inch    | mm  |        |                    | LBS                        | KGS |
| CE-2.5×60  | 2 3/8"  | 60  | 2.5    | 2-11               | 18                         | 8   |
| CE-2.5×80  | 3 3/16" | 80  | 2.5    | 2-16               | 18                         | 8   |
| CE-2.5×100 | 4"      | 100 | 2.5    | 2-22               | 18                         | 8   |
| CE-2.5×120 | 4 3/4"  | 120 | 2.5    | 2-30               | 18                         | 8   |
| CE-2.5×150 | 6"      | 150 | 2.5    | 2-35               | 18                         | 8   |
| CE-2.5×160 | 6 1/4"  | 160 | 2.5    | 2-40               | 18                         | 8   |
| CE-2.5×200 | 8"      | 200 | 2.5    | 3-50               | 18                         | 8   |
| CE-3.6X120 | 4 3/4"  | 120 | 3.6    | 3-30               | 40                         | 18  |
| CE-3.6×150 | 6"      | 150 | 3.6    | 3-35               | 40                         | 18  |
| CE-3.6×180 | 7"      | 180 | 3.6    | 3-42               | 40                         | 18  |
| CE-3.6×200 | 8"      | 200 | 3.6    | 3-50               | 40                         | 18  |
| CE-3.6×250 | 10"     | 250 | 3.6    | 3-65               | 40                         | 18  |
| CE-3.6×280 | 11"     | 280 | 3.6    | 3-70               | 40                         | 18  |
| CE-3.6×300 | 11 5/8" | 300 | 3.6    | 3-80               | 40                         | 18  |
| CE-3.6×370 | 14 1/2" | 370 | 3.6    | 3-102              | 40                         | 18  |
| CE-4.8×120 | 4 3/4"  | 120 | 4.8    | 3-24               | 50                         | 22  |
| CE-4.8×180 | 7"      | 180 | 4.8    | 3-42               | 50                         | 22  |
| CE-4.8×200 | 8"      | 200 | 4.8    | 3-50               | 50                         | 22  |
| CE-4.8×250 | 10"     | 250 | 4.8    | 3-65               | 50                         | 22  |
| CE-4.8×280 | 11"     | 280 | 4.8    | 3-70               | 50                         | 22  |
| CE-4.8×300 | 11 7/8" | 300 | 4.8    | 3-82               | 50                         | 22  |
| CE-4.8×350 | 13 3/4" | 350 | 4.8    | 3-90               | 50                         | 22  |



### Self-locking Nylon Cable Ties

| Item No.   | L         |      | W (mm) | Bundle Dia. E (mm) | Min. Loop Tensile Strength |     |
|------------|-----------|------|--------|--------------------|----------------------------|-----|
|            | inch      | mm   |        |                    | LBS                        | KGS |
| CE-4.8×370 | 14 1/2"   | 370  | 4.8    | 3-102              | 50                         | 22  |
| CE-4.8×400 | 15 3/4"   | 400  | 4.8    | 3-105              | 50                         | 22  |
| CE-4.8×450 | 17 3/4"   | 450  | 4.8    | 3-130              | 50                         | 22  |
| CE-4.8×500 | 19 11/16" | 500  | 4.8    | 3-150              | 50                         | 22  |
| CE-7.2×150 | 6"        | 150  | 7.2    | 3-33               | 100                        | 46  |
| CE-7.2×180 | 7"        | 180  | 7.2    | 3-42               | 100                        | 46  |
| CE-7.2×200 | 8"        | 200  | 7.2    | 3-50               | 100                        | 46  |
| CE-7.2×250 | 10"       | 250  | 7.2    | 4-63               | 120                        | 55  |
| CE-7.2×270 | 10 5/8"   | 270  | 7.2    | 4-65               | 120                        | 55  |
| CE-7.2×300 | 11 5/8"   | 300  | 7.2    | 4-82               | 120                        | 55  |
| CE-7.2×350 | 13 3/4"   | 350  | 7.2    | 4-90               | 120                        | 55  |
| CE-7.2×370 | 14 1/2"   | 370  | 7.2    | 4-98               | 120                        | 55  |
| CE-7.2×400 | 15 3/4"   | 400  | 7.2    | 4-105              | 120                        | 55  |
| CE-7.2×450 | 17 3/4"   | 450  | 7.2    | 4-118              | 120                        | 55  |
| CE-7.2×500 | 19 11/16" | 500  | 7.2    | 4-150              | 120                        | 55  |
| CE-7.2×750 | 29 9/16"  | 750  | 7.2    | 4-220              | 120                        | 55  |
| CE-9×550   | 21 11/16" | 550  | 9.0    | 8-160              | 175                        | 80  |
| CE-9×650   | 25 9/16"  | 650  | 9.0    | 8-190              | 175                        | 80  |
| CE-9×700   | 27 1/2"   | 700  | 9.0    | 10-205             | 175                        | 80  |
| CE-9×800   | 31 1/2"   | 800  | 9.0    | 10-225             | 175                        | 80  |
| CE-9×920   | 36 1/4"   | 920  | 9.0    | 10-265             | 175                        | 80  |
| CE-9×1000  | 40 1/6"   | 1000 | 9.0    | 10-295             | 175                        | 80  |
| CE-9×1150  | 45 1/4"   | 1150 | 9.0    | 10-310             | 175                        | 80  |
| CE-9×1350  | 53"       | 1350 | 9.0    | 10-380             | 175                        | 80  |
| CE-12×300  | 11 5/8"   | 300  | 12.0   | 12-82              | 250                        | 114 |
| CE-12×400  | 15 3/4"   | 400  | 12.0   | 12-105             | 250                        | 114 |
| CE-12×500  | 19 11/16" | 500  | 12.0   | 12-150             | 200                        | 114 |
| CE-12×650  | 25 9/16"  | 650  | 12.0   | 14-190             | 250                        | 114 |
| CE-12×750  | 29 9/16"  | 750  | 12.0   | 10-220             | 250                        | 114 |
| CE-12×780  | 30 3/4"   | 780  | 12.7   | 14-230             | 250                        | 114 |





A-1



A-2



A-3

**Packing of series A**

| Item No.   | QTY/CTN BAG | CTN SIZE (cm) | G.W.(kg) | N.W.(kg) |
|------------|-------------|---------------|----------|----------|
| CE-2.5×60  | 250         | 38×32×15      | 4        | 3        |
| CE-2.5×80  | 250         | 38×32×15      | 4        | 3        |
| CE-2.5×100 | 250         | 44×33×20      | 6        | 5        |
| CE-2.5×120 | 250         | 44×33×20      | 7        | 6        |
| CE-2.5×150 | 200         | 44×33×20      | 8        | 7        |
| CE-2.5×200 | 100         | 42×32×18      | 7        | 6        |
| CE-3.6×120 | 200         | 42×32×18      | 7        | 6        |
| CE-3.6×150 | 125         | 44×33×20      | 9        | 8        |
| CE-3.6×180 | 100         | 44×33×20      | 9        | 8        |
| CE-3.6×200 | 100         | 42×32×18      | 10       | 9        |
| CE-3.6×250 | 100         | 44×33×20      | 11       | 10       |
| CE-3.6×300 | 50          | 42×32×18      | 9        | 8        |
| CE-4.8×200 | 100         | 44×33×20      | 9        | 8        |
| CE-4.8×250 | 50          | 42×32×18      | 9        | 8        |
| CE-4.8×280 | 50          | 44×33×20      | 9        | 8        |
| CE-4.8×300 | 50          | 44×33×20      | 10       | 9        |
| CE-4.8×350 | 50          | 44×33×20      | 11       | 10       |
| CE-4.8×400 | 50          | 42×32×28      | 12       | 11       |
| CE-4.8×450 | 50          | 52×30×31      | 14       | 13       |
| CE-4.8×500 | 50          | 52×33×32      | 15       | 14       |
| CE-7.2×150 | 100         | 40×32×26      | 12       | 11       |
| CE-7.2×200 | 100         | 45×32×28      | 14       | 13       |
| CE-7.2×250 | 50          | 40×32×26      | 13       | 12       |
| CE-7.2×300 | 50          | 42×32×28      | 14       | 13       |
| CE-7.2×350 | 50          | 45×32×28      | 15       | 14       |
| CE-7.2×400 | 25          | 42×32×28      | 15       | 14       |
| CE-7.2×450 | 25          | 52×30×25      | 16       | 15       |
| CE-7.2×500 | 20          | 54×28×18      | 17       | 16       |
| CE-9×450   | 25          | 65×27×25      | 17       | 16       |
| CE-9×500   | 25          | 70×27×25      | 18       | 17       |
| CE-9×550   | 25          | 75×29×25      | 19       | 18       |
| CE-9×600   | 25          | 80×29×25      | 20       | 19       |
| CE-9×650   | 25          | 85×29×25      | 21       | 20       |
| CE-9×700   | 25          | 90×29×25      | 22       | 21       |
| CE-9×750   | 25          | 95×29×27      | 23       | 22       |
| CE-9×800   | 25          | 100×29×27     | 24       | 23       |
| CE-9×920   | 20          | 115×29×27     | 26       | 25       |
| CE-9×1000  | 20          | 120×29×27     | 27       | 26       |
| CE-12×300  | 25          | 48×32×30      | 15       | 14       |
| CE-12×400  | 25          | 48×32×30      | 16       | 15       |
| CE-12×500  | 20          | 52×33×35      | 17       | 16       |
| CE-12×650  | 20          | 52×33×40      | 18       | 17       |
| CE-12×750  | 20          | 95×33×30      | 24       | 23       |

**Packing of series B**

| Item No. | Size(mm) | Color   | Q' ty. | Packing                                                                                          |
|----------|----------|---------|--------|--------------------------------------------------------------------------------------------------|
| CTA-150  | 2.5×100  | Red     | 50PCS  | PET Tube<br>A<br>Tube Size:<br>φ 5.5×H21cm<br>Q' ty/Ctn:<br>56 Sets<br>Ctn Size:<br>47×41.5×23cm |
|          |          | Yellow  | 50PCS  |                                                                                                  |
| CTA-200  | 3.6×200  | Blue    | 50PCS  |                                                                                                  |
|          |          | Green   | 50PCS  |                                                                                                  |
|          | 2.5×100  | Natural | 50PCS  |                                                                                                  |
|          |          | Blue    | 50PCS  |                                                                                                  |
| CTA-250  | 3.6×200  | Natural | 50PCS  |                                                                                                  |
|          |          | Red     | 50PCS  |                                                                                                  |
|          | 2.5×100  | Yellow  | 50PCS  |                                                                                                  |
|          |          | Black   | 50PCS  |                                                                                                  |
|          |          | Blue    | 50PCS  |                                                                                                  |
|          |          | Green   | 50PCS  |                                                                                                  |



| Item No. | Size(mm) | Color   | Q' ty.  | Packing                                                                                        |
|----------|----------|---------|---------|------------------------------------------------------------------------------------------------|
| CTS-300  | 2.5×100  | Red     | 25PCS   | PET Tube<br>S<br>Tube Size:<br>φ 8×H21.5cm<br>Q' ty/Ctn:<br>20 sets<br>Ctn Size:<br>42×34×23cm |
|          |          | Yellow  | 25PCS   |                                                                                                |
|          |          | Black   | 25PCS   |                                                                                                |
|          |          | Green   | 25PCS   |                                                                                                |
|          |          | White   | 50PCS   |                                                                                                |
| CTS-400  | 3.5×200  | Red     | 50PCS   |                                                                                                |
|          |          | Blue    | 50PCS   |                                                                                                |
|          | 2.5×100  | Natural | 200PCS  |                                                                                                |
| 3.5×200  |          | Black   | 100PCS  |                                                                                                |
|          | CTS-500  | 2.5×100 | Natural |                                                                                                |
| Black    |          |         | 50PCS   |                                                                                                |
| Red      |          |         | 100PCS  |                                                                                                |
| Black    |          |         | 100PCS  |                                                                                                |
| Green    |          |         | 100PCS  |                                                                                                |
|          |          | Blue    | 100PCS  |                                                                                                |
|          |          | Yellow  | 100PCS  |                                                                                                |



| Item No. | Size(mm) | Color   | Q' ty. | Packing     |
|----------|----------|---------|--------|-------------|
| PVB-700N | 2.5×100  | Natural | 700PCS | PVC<br>Tube |
| PVB-700B | 2.5×100  | Black   | 700PCS |             |
|          |          | Red     | 100PCS |             |
| PVB-700C | 2.5×100  | Yellow  | 100PCS |             |
|          |          | Blue    | 100PCS |             |
|          |          | Green   | 100PCS |             |
|          |          | Orange  | 100PCS |             |
|          |          | Natural | 100PCS |             |
|          |          | Black   | 100PCS |             |





**Packing of series B**

| Item No.       | Size(mm) | Color   | Q' ty.  | Packing                                                                                        |
|----------------|----------|---------|---------|------------------------------------------------------------------------------------------------|
| CTM-401        | 2.5×100  | Natural | 200PCS  | PET Tube<br>M<br>Tube Size:<br>φ 8×H21.5cm<br>Q' ty/Ctn:<br>20 Sets<br>Ctn Size:<br>42×34×23cm |
|                | 2.5×150  | Natural | 100PCS  |                                                                                                |
|                | 3.5×180  | Natural | 100PCS  |                                                                                                |
| TG-100 TIE GUN | Blue     | 1PC     |         |                                                                                                |
| CTM-500        | 2.5×100  | Natural | 200PCS  |                                                                                                |
|                | 3.5×140  | Natural | 200PCS  |                                                                                                |
|                | 4.8×180  | Natural | 100PCS  |                                                                                                |
| CTM-550        | 2.5×100  | Red     | 100PCS  |                                                                                                |
|                |          | Yellow  | 100PCS  |                                                                                                |
|                |          | Green   | 100PCS  |                                                                                                |
|                | 2.5×150  | Blue    | 100PCS  |                                                                                                |
|                |          | Natural | 100PCS  |                                                                                                |
|                |          | 3.6×180 | Natural | 50PCS                                                                                          |
| CTM-650        | 2.5×100  | Yellow  | 300PCS  |                                                                                                |
|                |          | Orange  | 300PCS  |                                                                                                |
|                | 3.5×180  | Natural | 50PCS   |                                                                                                |

| Item No. | Size(mm) | Color   | Q' ty. | Packing                                                                                           |
|----------|----------|---------|--------|---------------------------------------------------------------------------------------------------|
| CTL-500  | 2.5×100  | Natural | 200PCS | PET Tube<br>L<br>Tube Size:<br>φ 11.5×H24.5cm<br>Q' ty/Ctn:<br>16 Sets<br>Ctn Size:<br>48×48×26cm |
|          | 2.5×150  | Natural | 200PCS |                                                                                                   |
|          | 3.5×200  | Natural | 100PCS |                                                                                                   |
| CTL-501  | 2.5×100  | Red     | 50PCS  |                                                                                                   |
|          |          | Yellow  | 50PCS  |                                                                                                   |
|          |          | Blue    | 50PCS  |                                                                                                   |
|          | 2.5×150  | Green   | 50PCS  |                                                                                                   |
|          |          | Natural | 100PCS |                                                                                                   |
|          |          | Black   | 100PCS |                                                                                                   |
| CTL-650  | 2.5×150  | Yellow  | 100PCS |                                                                                                   |
|          |          | Orange  | 100PCS |                                                                                                   |
|          | 3.5×200  | Natural | 50PCS  |                                                                                                   |



**Packing of series B**

| Item No. | Size(mm) | Color   | Q' ty. | Packing                                                                                       |
|----------|----------|---------|--------|-----------------------------------------------------------------------------------------------|
| CTB-450  | 2.5×100  | Natural | 200PCS | PET Tube<br>B<br>Tube Size:<br>φ 12×H31cm<br>Q' ty/Ctn:<br>12 Sets<br>Ctn Size:<br>48×38×33cm |
|          | 3.5×150  | Natural | 100PCS |                                                                                               |
|          | 3.6×200  | Natural | 100PCS |                                                                                               |
|          | 4.8×300  | Natural | 50PCS  |                                                                                               |
| CTB-650  | 2.5×100  | Blue    | 50PCS  |                                                                                               |
|          |          | Red     | 50PCS  |                                                                                               |
|          |          | Yellow  | 50PCS  |                                                                                               |
|          | 4.8×200  | Black   | 50PCS  |                                                                                               |
|          |          | Natural | 100PCS |                                                                                               |
|          |          | Natural | 100PCS |                                                                                               |
| CTB-850  | 2.5×100  | Black   | 100PCS |                                                                                               |
|          |          | Natural | 100PCS |                                                                                               |
|          |          | Natural | 100PCS |                                                                                               |
|          | 3.6×200  | Blue    | 100PCS |                                                                                               |
|          |          | Red     | 100PCS |                                                                                               |
|          |          | Yellow  | 100PCS |                                                                                               |
| CTB-1000 | 2.5×100  | Green   | 100PCS |                                                                                               |
|          |          | Natural | 100PCS |                                                                                               |
|          |          | Natural | 100PCS |                                                                                               |
|          | 3.6×200  | Blue    | 100PCS |                                                                                               |
|          |          | Red     | 100PCS |                                                                                               |
|          |          | Yellow  | 100PCS |                                                                                               |
| CTB-1200 | 2.5×100  | Green   | 100PCS |                                                                                               |
|          |          | Orange  | 100PCS |                                                                                               |
|          |          | Natural | 200PCS |                                                                                               |
|          | 2.5×200  | Blue    | 100PCS |                                                                                               |
|          |          | Red     | 100PCS |                                                                                               |
|          |          | Yellow  | 100PCS |                                                                                               |
| CTB-1500 | 2.5×150  | Green   | 100PCS |                                                                                               |
|          |          | Orange  | 100PCS |                                                                                               |
|          |          | Natural | 200PCS |                                                                                               |
|          | 2.5×200  | Blue    | 100PCS |                                                                                               |
|          |          | Red     | 100PCS |                                                                                               |
|          |          | Yellow  | 100PCS |                                                                                               |
| 3.6×280  | Natural  | 200PCS  |        |                                                                                               |
|          | Natural  | 200PCS  |        |                                                                                               |





**Tie Guns**

**TG-100**

For tensioning and cut-off cable tie from width 2.4mm to 4.8mm for "DIY" ONLY



**TG-600A**

Suitable for fast wire bind and cable automatic cut and bind. suitable for cable tie 50~350mm,width 4.8mm  
**Weight:** 0.30kg  
**L:**165mm  
**Material:** Metal



**TG-519**

Suitable for fast bind wire and cable automatic cut and bind. suitable for cable tie 50~500mm, width 9.0mm  
**Weight:** 0.26kg  
**L:**195mm  
**Material:** Metal



**TG-705**

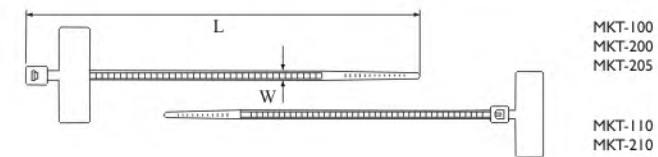
For stainless steel ties, Fasten and automatic cut ties, with adjustable bundling pressure.  
**Stainless steel tie:** Thickness up to 0.3mm,width up to 7.9mm.



**Marker Ties**

**Material:** Nylon 66 94V-2,Acid-control and not easy to age.  
**Usage:** Write markings on the blank tag at the entrance of cable ties.

| Item No. | L      |     | W (mm) | Bundle Dia. (mm) | Min.Loop Tensile Strength |      | Marking Pad Size |
|----------|--------|-----|--------|------------------|---------------------------|------|------------------|
|          | inch   | mm  |        |                  | LBS                       | KGS  |                  |
| MKT-100  | 4"     | 100 | 2.5    | 22               | 18                        | 8.0  | 25×8             |
| MKT-110  | 4 1/3" | 110 | 2.5    | 22               | 18                        | 8.0  | 21×10            |
| MKT-200  | 8"     | 200 | 2.5    | 22               | 18                        | 8.0  | 25×8             |
| MKT-205  | 8"     | 205 | 3.6    | 22               | 40                        | 18.0 | 25×8             |
| MKT-210  | 8 1/4" | 210 | 2.5    | 22               | 18                        | 8.0  | 25×8             |



**Magic Cable Ties**

**Material:** The hook side is made of PP, and the loop of nylon.

| Item No. | L(mm) | W(mm) | Max.Bundle Dia | Remark                               |
|----------|-------|-------|----------------|--------------------------------------|
| CMT-125  | 125   | 12    | 30             |                                      |
| CMT-135  | 135   | 12    | 33             |                                      |
| CMT-180  | 180   | 12    | 40             | Other size is available as requested |
| CMT-210  | 210   | 16    | 50             |                                      |
| CMT-310  | 310   | 16    | 85             |                                      |



**Fastening Tape**

**Length:** 25m per roll.  
**Width:**12.5, 16, 20, 25, 30, 38, 50, 75, 100, 125mm.

| Width | Yard/Roll | Roll/Ctn | Quantity |
|-------|-----------|----------|----------|
| 16mm  | 27.5y/r   | 60r      | 1650y    |
| 20mm  | 27.5y/r   | 50r      | 1375y    |
| 25mm  | 27.5y/r   | 40r      | 1100y    |
| 30mm  | 27.5y/r   | 32r      | 880y     |
| 38mm  | 27.5y/r   | 28r      | 770y     |
| 50mm  | 27.5y/r   | 20r      | 550y     |
| 75mm  | 27.5y/r   | 14r      | 385y     |
| 100m  | 27.5y/r   | 10r      | 275y     |

30 standard colors are available for hook & loop side.



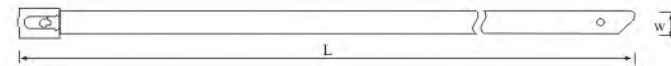




### Ball Lock Stainless Steel Cable Ties

**Material:** Stainless steel type: #304, #316  
**Coating:** Epoxy and PA are available.  
**Feature:** quick & easy installation, for high temperature applications. Plastic coating provides additional edge protection and prevents corrosion. All lengths are available.

| Item No. | Length (mm) | Width (mm) |     | Max.Bundle Dia(mm) |
|----------|-------------|------------|-----|--------------------|
|          |             | inch       | mm  |                    |
| BLT-100A | 100         | 4.6        | 25  |                    |
| BLT-150A | 150         | 4.6        | 33  |                    |
| BLT-200A | 200         | 4.6        | 51  |                    |
| BLT-250A | 250         | 4.6        | 68  |                    |
| BLT-300A | 300         | 4.6        | 80  |                    |
| BLT-350A | 350         | 4.6        | 100 |                    |
| BLT-400A | 400         | 4.6        | 116 |                    |
| BLT-150B | 150         | 7.9        | 33  |                    |
| BLT-200B | 200         | 7.9        | 51  |                    |
| BLT-250B | 250         | 7.9        | 68  |                    |
| BLT-300B | 300         | 7.9        | 80  |                    |
| BLT-350B | 350         | 7.9        | 100 |                    |
| BLT-400B | 400         | 7.9        | 114 |                    |
| BLT-450B | 450         | 7.9        | 125 |                    |
| BLT-500B | 500         | 7.9        | 148 |                    |
| BLT-150C | 150         | 12         | 33  |                    |
| BLT-200C | 200         | 12         | 51  |                    |
| BLT-250C | 250         | 12         | 68  |                    |
| BLT-300C | 300         | 12         | 80  |                    |
| BLT-350C | 350         | 12         | 100 |                    |
| BLT-400C | 400         | 12         | 116 |                    |
| BLT-450C | 450         | 12         | 125 |                    |
| BLT-500C | 500         | 12         | 148 |                    |



Stainless steel ties with spray painting

### Stainless Steel Strapping

**Feature:** Tie length or bundle diameter can be adjusted by users.  
**Length:** 100 ft/ 30 M per roll  
**Material:** Stainless steel :#304,#316

| Item No. | Width |      | Thickness |      |
|----------|-------|------|-----------|------|
|          | inch  | mm   | inch      | mm   |
| ST1450   | 1/4   | 6.4  | 0.002     | 0.50 |
| ST3850   | 3/8   | 9.5  | 0.002     | 0.50 |
| ST1250   | 1/2   | 12.7 | 0.002     | 0.50 |
| ST5850   | 5/8   | 15.9 | 0.002     | 0.50 |
| ST3450   | 3/4   | 19   | 0.002     | 0.50 |
| ST1270   | 1/2   | 12.7 | 0.028     | 0.70 |
| ST5870   | 5/8   | 15.9 | 0.028     | 0.70 |
| ST3470   | 3/4   | 19   | 0.028     | 0.70 |
| ST1276   | 1/2   | 12.7 | 0.030     | 0.76 |
| ST5876   | 5/8   | 15.9 | 0.030     | 0.76 |
| ST3476   | 3/4   | 19   | 0.030     | 0.76 |



### Stainless Steel Buckle

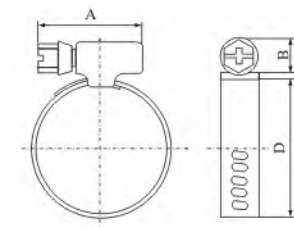
**Feature:** Fits 3/8", 1/2", 5/8" and 3/4" strapping.  
 Easy to be assembled. Ties may be released and reused before fastened.  
**Material:** Stainless steel :#304

| Item No. | Width |      | Type       |
|----------|-------|------|------------|
|          | inch  | mm   |            |
| BKW-3    | 3/8"  | 9.5  | Wing Seal  |
| BKW-4    | 1/2"  | 12.7 | Wing Seal  |
| BKW-5    | 5/8"  | 15.9 | Wing Seal  |
| BKW-6    | 3/4"  | 19.0 | Wing Seal  |
| BKT-3    | 3/8"  | 9.5  | Teeth Type |
| BKT-4    | 1/2"  | 12.7 | Teeth Type |
| BKT-5    | 5/8"  | 15.9 | Teeth Type |
| BKT-6    | 3/4"  | 19.0 | Teeth Type |
| BKH-4    | 1/2"  | 12.7 | Hex-Screw  |
| BKH-5    | 5/8"  | 15.9 | Hex-Screw  |
| BKH-6    | 3/4"  | 19.0 | Hex-Screw  |



### Hose Clamps

| Use Range (Φ mm) | Band Width (mm) | Anti-torque Value(N.m) | Pressure Resistance Strength (Mpa/cm <sup>2</sup> ) |
|------------------|-----------------|------------------------|-----------------------------------------------------|
| 6-9              | 8               | 2.5-3.5                | 1.6                                                 |
| 6-12             | 8               | 2.5-3.5                | 1.6                                                 |
| 9-16             | 8               | 2.5-3.5                | 1.6                                                 |
| 12-19            | 8               | 2.5-3.5                | 1.6                                                 |
| 16-23            | 8               | 2.5-3.5                | 1.6                                                 |
| 16-25            | 8               | 2.5-3.5                | 1.6                                                 |
| 10-16            | 10              | 4-8                    | 1.4                                                 |
| 13-19            | 10              | 4-8                    | 1.4                                                 |
| 16-25            | 10              | 4-8                    | 1.4                                                 |
| 18-29            | 10              | 4-8                    | 1.4                                                 |
| 18-32            | 12.7            | 6-10                   | 0.7                                                 |
| 21-38            | 12.7            | 6-10                   | 0.7                                                 |
| 21-44            | 12.7            | 6-10                   | 0.7                                                 |
| 27-51            | 12.7            | 6-10                   | 0.7                                                 |
| 33-57            | 12.7            | 6-10                   | 0.7                                                 |
| 40-64            | 12.7            | 6-10                   | 0.7                                                 |
| 44-67            | 12.7            | 6-10                   | 0.7                                                 |
| 46-70            | 12.7            | 6-10                   | 0.7                                                 |
| 52-76            | 12.7            | 6-10                   | 0.7                                                 |
| 60-83            | 12.7            | 6-10                   | 0.3                                                 |
| 65-89            | 12.7            | 6-10                   | 0.3                                                 |
| 76-92            | 12.7            | 6-10                   | 0.3                                                 |
| 78-101           | 12.7            | 6-10                   | 0.3                                                 |
| 91-114           | 12.7            | 6-10                   | 0.3                                                 |
| 105-127          | 12.7            | 6-10                   | 0.3                                                 |
| 118-140          | 12.7            | 6-10                   | 0.3                                                 |
| 130-152          | 12.7            | 6-10                   | 0.3                                                 |
| 143-305          | 12.7            | 6-10                   | 0.3                                                 |



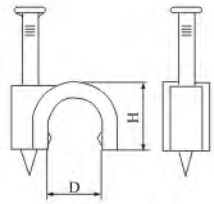


### Circle Cable Clips

**Feature:** good elasticity and shock resisting. Inserting type. Nail attached in chips.  
Time saving and cost saving.

**Material:** chip made of PE, nail made of medium carbon steel  
**Color:** white, grey, black, other colors are available.

| Item No. | H(mm) | Circle Path D(mm) | Nail(mm) |
|----------|-------|-------------------|----------|
| CE-4mm   | 5.3   | 4.0               | 1.7×14   |
| CE-5mm   | 6.3   | 5.0               | 1.7×14   |
| CE-6mm   | 7.4   | 6.0               | 1.85×16  |
| CE-7mm   | 8.4   | 7.0               | 1.85×18  |
| CE-8mm   | 9.4   | 8.0               | 1.95×19  |
| CE-9mm   | 10.4  | 9.0               | 2.05×22  |
| CE-10mm  | 11.4  | 10.0              | 2.20×23  |
| CE-12mm  | 13.4  | 12.0              | 2.20×25  |
| CE-14mm  | 16.4  | 14.0              | 2.35×30  |
| CE-16mm  | 19.0  | 16.0              | 2.35×32  |
| CE-18mm  | 19.7  | 18.0              | 2.6×38   |
| CE-20mm  | 22.2  | 20.0              | 2.7×40   |
| CE-22mm  | 25.0  | 22.0              | 2.9×43   |
| CE-25mm  | 27.7  | 25.0              | 3.1×50   |
| CE-30mm  | 33.1  | 30.0              | 3.5×55   |
| CE-32mm  | 35.6  | 32.0              | 3.5×55   |
| CE-35mm  | 36.6  | 35.0              | 3.5×60   |
| CE-40mm  | 45.2  | 40.0              | 3.5×65   |



Circle Cable Clips

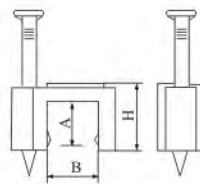


### Flat Cable Clips

**Feature:** good elasticity and shock resisting. Inserting type. Nail attached in chips.  
Time saving and cost saving.

**Material:** chip made of PE, nail made of medium carbon steel  
**Color:** white, grey, black, other colors are available.

| Item No. | H(mm) | A   | B  | Nail(mm) |
|----------|-------|-----|----|----------|
| CE-4mm   | 6.0   | 3.8 | 4  | 1.7×14   |
| CE-5mm   | 6.0   | 3.8 | 5  | 1.7×14   |
| CE-6mm   | 6.5   | 4.1 | 6  | 1.7×16   |
| CE-7mm   | 7.0   | 4.7 | 7  | 1.9×16   |
| CE-8mm   | 7.5   | 5.0 | 8  | 2.1×19   |
| CE-9mm   | 8.2   | 5.4 | 9  | 2.1×20   |
| CE-10mm  | 8.6   | 5.7 | 10 | 2.3×21   |
| CE-12mm  | 9.0   | 6.1 | 12 | 2.3×23   |
| CE-14mm  | 11.0  | 8.0 | 14 | 2.3×25   |
| CE-18mm  | 12.5  | 10  | 18 | 2.6×27   |



Flat Cable Clips

### Packing of Series C

| Item No. | Size(cm)       | QTY BAG/CTN | G.W/N.W KG |
|----------|----------------|-------------|------------|
| CE-4mm   | 33.5×20×20     | 250         | 12/11      |
| CE-5mm   |                | 250         | 13/12      |
| CE-6mm   | 47×26.5×14.5   | 250         | 17/16      |
| CE-7mm   |                | 250         | 19/18      |
| CE-8mm   |                | 200         | 20/19      |
| CE-9mm   | 47×26.5×24.5   | 200         | 19/18      |
| CE-10mm  |                | 150         | 19/18      |
| CE-12mm  | 51.5×29.5×29.5 | 150         | 22/21      |
| CE-14mm  | 55.5×22.5×35   | 80          | 23/22      |
| CE-16mm  |                | 80          | 24/23      |
| CE-18mm  | 55.5×22.5×52   | 80          | 27/26      |
| CE-20mm  |                | 80          | 30/29      |
| CE-22mm  | 55.5×22.5×35   | 60          | 31/29      |
| CE-25mm  | 55.5×22.5×52   | 40          | 26/24      |

### Packing of Series D

| Item No. | Size(cm)       | PCS/BOX | BOX/CTN | G.W/N.W KG |
|----------|----------------|---------|---------|------------|
| CE-4mm   | 33.5×20×20     | 100     | 100     | 6.0/5.5    |
| CE-5mm   |                | 100     | 100     | 6.5/6.0    |
| CE-6mm   | 47×26.5×14.5   | 100     | 100     | 8.0/7.5    |
| CE-7mm   |                | 100     | 100     | 9.5/9.0    |
| CE-8mm   |                | 100     | 100     | 11.0/10.5  |
| CE-9mm   | 47×26.5×24.5   | 100     | 100     | 13.0/12.5  |
| CE-10mm  |                | 100     | 100     | 13.5/13.0  |
| CE-12mm  | 51.5×29.5×29.5 | 100     | 100     | 15.0/14.0  |
| CE-14mm  | 55.5×22.5×35   | 100     | 50      | 13.5/13.0  |
| CE-16mm  |                | 100     | 50      | 17.5/16.5  |
| CE-18mm  | 55.5×22.5×52   | 100     | 50      | 20.0/19.0  |
| CE-20mm  |                | 100     | 50      | 27.0/26.0  |
| CE-22mm  | 55.5×22.5×35   | 50      | 50      | 13.5/13.0  |
| CE-25mm  | 55.5×22.5×52   | 50      | 50      | 18.0/17.0  |



C-1



C-2



D-1



D-2

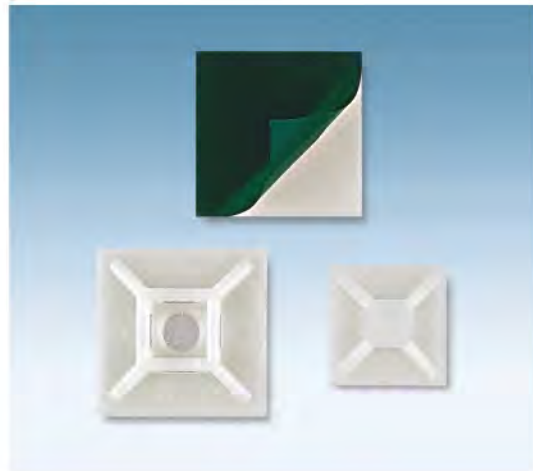
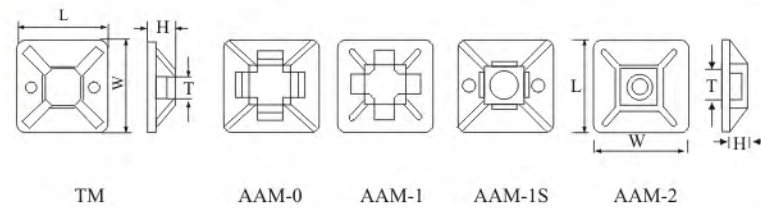


### Self-adhesive Tie Mounts

**Material:** Nylon 66, 94V-2, the back attached sponge glue .  
**Usage:** Peel the sponge glue and stick on the wall, then bundle the wire with cable ties.  
**Application:** for bundling wires and other things save time and convenient ,used for the wall in which no hole can be made.

| Item No. | L(mm) | W(mm) | H (mm) | T(mm) | Screw Hole (mm) |
|----------|-------|-------|--------|-------|-----------------|
| TM-20    | 20    | 20    | 6.1    | 5.0   | 2.9             |
| TM-25    | 25    | 25    | 7.5    | 6.2   | 3.5             |
| TM-30    | 30    | 30    | 8.7    | 6.4   | 4.5             |
| TM-40    | 40    | 40    | 6.4    | 10.8  | /               |

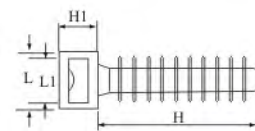
| Item No. | L(mm) | W(mm) | H (mm) | T(mm) | Screw Hole (mm) |
|----------|-------|-------|--------|-------|-----------------|
| AAM-0    | 12.5  | 12.5  | 3.2    | 3.2   | /               |
| AAM-1    | 22.5  | 22.5  | 3.5    | 4.7   | /               |
| AAM-1S   | 19    | 19    | 4.4    | 4.0   | 3.5             |
| AAM-2    | 28    | 28    | 5.7    | 5.3   | 5.7             |



### Cable Tie Holders

**Material:** Nylon 66, 94V-2 .  
**Color:** Natural, Black, available in other colors.

| Item No. | H    | H 1 | W   | L    | L1  |
|----------|------|-----|-----|------|-----|
| CTH-6    | 24.7 | 6.3 | 7.2 | 12.5 | 9.9 |
| CTH-8    | 37   | 6.3 | 10  | 12.7 | 9.7 |



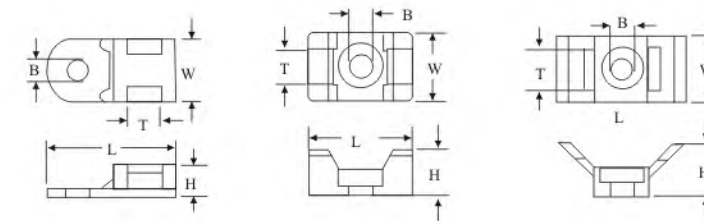
CTH-6 CTH-8



### Cable Tie Holders

**Material:** Nylon 66, 94V-2 .  
**Color:** Natural, Black, available in other colors.

| Item No. | H    | L    | W    | T   | B   |
|----------|------|------|------|-----|-----|
| CTH-0    | 5    | 19.6 | 9.5  | 5.2 | 3.7 |
| CTH-1    | 7    | 15   | 10   | 5.1 | 3.5 |
| CTH-2S   | 9.8  | 23   | 16   | 9   | 5   |
| CTH-2    | 9.8  | 23   | 16   | 9   | 6.3 |
| CTH-3    | 17.5 | 23   | 13.8 | 9.5 | 5.3 |
| CTH-4    | 11.6 | 30   | 14.7 | 9.3 | 5.0 |



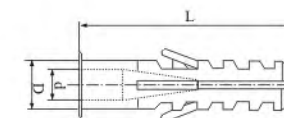
CTH-0 CTH-1 CTH-2S CTH-2 CTH-3 CTH-4



### Expand Nails

**Material:** made from PE.  
**Color:** White , Grey.

| Item No. | L(mm) | D(mm) | d (mm) | Screw(mm) |
|----------|-------|-------|--------|-----------|
| EN-06    | 29.8  | 6.0   | 4.9    | Φ4×32     |
| EN-08    | 38.6  | 7.9   | 5.3    | Φ5×40     |
| EN-10    | 42.7  | 9.9   | 5.8    | Φ5×45     |
| EN-12    | 47.9  | 11.6  | 6.3    | Φ6×50     |



Expand Nails

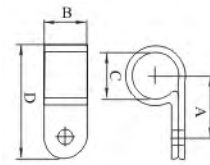




### R Type Cable Clamps

**Material:** Nylon 66 94v-2.  
**Usage:** put cable in, fix by screw.

| Item No.  | A(mm) | B(mm) | C(mm) |        | D(mm) | Packing |
|-----------|-------|-------|-------|--------|-------|---------|
|           |       |       | mm    | Inch   |       |         |
| CE-1/8R   | 9.5   | 9.6   | 3.2   | 1/8"   | 19.8  | 100PCS  |
| CE-3/16R  | 10.5  | 9.6   | 4.8   | 3/16"  | 19.8  |         |
| CE-1/4R   | 12.0  | 10.0  | 6.35  | 1/4"   | 22.0  |         |
| CE-5/16R  | 12.0  | 10.0  | 7.9   | 5/16"  | 22.0  |         |
| CE-3/8R   | 12.5  | 12.0  | 9.5   | 3/8"   | 24.0  |         |
| CE-1/2R   | 15.2  | 12.0  | 12.7  | 1/2"   | 31.0  |         |
| CE-5/8R   | 18.2  | 12.0  | 15.8  | 5/8"   | 34.3  |         |
| CE-3/4R   | 18.2  | 12.0  | 19.4  | 3/4"   | 35.0  |         |
| CE-1R     | 22.0  | 12.0  | 25.4  | 1"     | 43.0  |         |
| CE-17/16R | 24.0  | 12.0  | 27.5  | 17/16" | 50.0  |         |
| CE-5/4R   | 26.2  | 12.0  | 31.8  | 1 1/4" | 46.2  |         |
| CE-3/2R   | 30.0  | 12.0  | 36.7  | 1 1/2" | 50.0  |         |

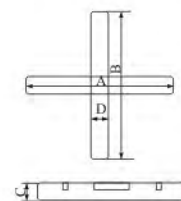


R Type Cable Clamps



### Plastic Cross

| Item No. | A(mm) | B(mm) | C(mm) | D(mm) |
|----------|-------|-------|-------|-------|
| PC-02    | 27    | 27    | 3     | 2     |
| PC-03    | 31    | 31    | 3     | 3     |
| PC-05    | 34    | 34    | 6     | 5     |
| PC-07    | 44    | 44    | 7     | 7     |
| PC-08    | 44    | 44    | 8     | 8     |
| PC-10    | 49    | 49    | 10    | 10    |



Plastic Cross

### Cable Markers

**Material:** Nylon66.  
**Feature:** Length is shorter, applied for particular connection of special mark. Every marker fits together with a ben on mortise.

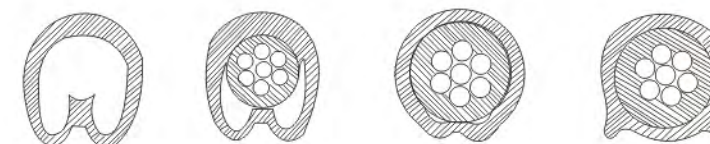
| Item No. | Approx Wire |       | Markers | Packing   |
|----------|-------------|-------|---------|-----------|
|          | Sq.         | AWG   |         |           |
| EC-0N    | 0.12~0.5    | 26~20 | 0~9     | 10pcs/row |
| EC-1N    | 0.5~1.5     | 20~18 | A~Z     | 10pcs/row |
| EC-2N    | 1.5~2.5     | 16~14 | + - / \ | 10pcs/row |
| EC-3N    | 4~6         | 12~10 | + - / \ | 10pcs/row |



### Cable Markers

**Material:** made from PVC, oil and erosion control, heat resisting up to 85°C  
**Struction:** the inside is hollow, but elastic, The diameter can change with the needed wire.

| Item No. | Approx. Wire |          | Markers | Packing      |
|----------|--------------|----------|---------|--------------|
|          | Sq.          | Φ (mm)   |         |              |
| EC-0     | 0.12~0.75    | 2.0~3.2  | 0~9     | 1000PCS/ROLL |
| EC-1     | 0.75~3.5     | 3.0~4.2  | A~Z     | 1000PCS/ROLL |
| EC-2     | 3.5~8.0      | 3.6~7.4  | + - / \ | 500PCS/ROLL  |
| EC-3     | 5.2~10.0     | 5.2~10.0 | + - / \ | 250PCS/ROLL  |





### Cable Markers

| Item No. | Approx Wire |          | Markers | Packing     |
|----------|-------------|----------|---------|-------------|
|          | Sq.         | Φ (mm)   |         |             |
| MEC-0    | 0.12~0.75   | 2.0~3.2  | 0~9     | 450PCS/ROLL |
| MEC-1    | 0.75~3.5    | 3.0~4.2  | A~Z     | 400PCS/ROLL |
| MEC-2    | 3.5~8.0     | 3.6~7.4  | + - / \ | 300PCS/ROLL |
| MEC-3    | 5.2~10.0    | 5.2~10.0 |         | 250PCS/ROLL |

### Spiral Wrapping Bands

**Material:** made from PE.

**Usage:** fix one end with safety belt first , then circle the wires clockwise to make them tight.

**Application:** a protection wear for electric wires, and make them insulated and look nice.



| Item No. | d (mm) | D(mm) | W(mm) | Wrapping Range (mm) | Packing |
|----------|--------|-------|-------|---------------------|---------|
| SWB-06   | 4      | 6     | 7.0   | 4-25                |         |
| SWB-08   | 6      | 8     | 10.8  | 6-30                |         |
| SWB-10   | 7.5    | 10    | 11.4  | 7.5-30              |         |
| SWB-12   | 9      | 12    | 13.9  | 9-32                | 10M/Bag |
| SWB-15   | 12     | 15    | 15.0  | 12-35               |         |
| SWB-19   | 15     | 19    | 18.2  | 15-50               |         |
| SWB-24   | 20     | 24    | 19.6  | 20-100              |         |



### Flat Cable Markers

**Material:** made from PVC, oil and erosion control.

**Feature:** used for circle of flat wire size from 3.5mm-7.0mm.

| Item No. | Approx Wire |         | Markers         | Packing     |
|----------|-------------|---------|-----------------|-------------|
|          | Sq.         | Φ (mm)  |                 |             |
| EC-J     | 2-8         | 3.5~7.0 | 0~9 A-Z + - / \ | 500PCS/ROLL |

### PET Expandable Braided Sleeving

**Applications:** designed from durable environment friendly PET monofilament yarns and the unique braided construction enables quick and easy installation over large connectors

**Operating temperature:** -40°C to 125°C,

**Melt Temperature:** 230°C



### Cable Marker Strips

| Item No. | L(mm) | W(mm) | Packing |
|----------|-------|-------|---------|
| MS-65    | 65    | 10    | 100     |
| MS-90    | 90    | 10    | 100     |
| MS-130   | 130   | 10    | 100     |



| Size   | Size |        | Min.   | Max.      | Length/Reel (mm) | O.D.   | I.D. |
|--------|------|--------|--------|-----------|------------------|--------|------|
|        | inch | mm     |        |           |                  |        |      |
| 1/8"   | 3.2  | 3/32"  | 1/4"   | 305 M / R | 0.175"           | 0.125" |      |
| 1/4"   | 6.4  | 1/8"   | 7/16"  | 305 M / R | 0.30"            | 0.25"  |      |
| 3/8"   | 9.5  | 3/16"  | 5/8"   | 153 M / R | 0.425"           | 0.375" |      |
| 1/2"   | 12.7 | 1/4"   | 3/4"   | 153 M / R | 0.55"            | 0.5"   |      |
| 3/4"   | 19.1 | 1/2"   | 1-1/4" | 77 M / R  | 0.80"            | 0.75"  |      |
| 1"     | 25.4 | 1"     | 2"     | 77 M / R  | 1.05"            | 1.0"   |      |
| 1-1/4" | 29.0 | 3/4"   | 1-3/4" | 77 M / R  | 1.30"            | 1.25"  |      |
| 1-1/2" | 40.0 | 1"     | 2-1/2" | 61 M / R  | 1.55"            | 1.50"  |      |
| 1-3/4" | 45.0 | 1-1/4" | 2-3/4" | 61 M / R  | 1.80"            | 1.75"  |      |
| 2"     | 50.0 | 1-1/2" | 3-1/2" | 61 M / R  | 2.05"            | 2.0"   |      |



### PVC Electrical Insulation Tapes

**Material:** Made of PVC as the backing material, coated with rubber based pressure sensitive adhesive.

**Usage:** Insulating protection of electrical parts and wires. Widely used for manufacturing of automobile harness, household electrical equipment.

|              |                   |                   |
|--------------|-------------------|-------------------|
| <b>Size:</b> | 0.13mm×15mm×10yds | 0.13mm×15mm×20m   |
|              | 0.13mm×15mm×10m   | 0.13mm×19mm×20yds |
|              | 0.13mm×19mm×10yds | 0.13mm×19mm×20m   |
|              | 0.13mm×19mm×10m   | 0.15mm×15mm×20yds |
|              | 0.13mm×19mm×20m   | 0.15mm×15mm×10m   |
|              | 0.15mm×15mm×10yds | 0.15mm×15mm×20m   |
|              | 0.15mm×15mm×10m   | 0.15mm×19mm×20m   |
|              | 0.15mm×19mm×10yds | 0.15mm×19mm×10m   |
|              | 0.15mm×19mm×10m   | 0.15mm×19mm×20m   |
|              | 0.13mm×15mm×20yds | 0.18mm×19mm×10m   |

### Rubber Splicing Tape

The insulation tape is self melting EPR base film insulation tape of excellent forming ability. It needs no vulcanization, and is of stable performance and good insulation performance.

**Application:**

Major insulation recovery of 600-69000V solid dielectric cable , As major insulation when making stress cone on solid dielectric cables up to 35000V, Sheath recovery of intermediate head and terminal Moistureproof seal for electrical connection, Bus insulation ,Seal of cable ends.

| Item No. | Description                 | Tape Size        | Material     |
|----------|-----------------------------|------------------|--------------|
| RST-23   | Milk-white film             | 19mmx0.5mmx9.1m  | Black rubber |
|          |                             | 19mmx0.76mmx9.1m |              |
| RST-25   | Embossed black film         | 25mmx0.5mmx9.1m  |              |
|          |                             | 25mmx0.76mmx9.1m |              |
| RST-30   | Reticulate transparent film | 38mmx0.76mmx9.1m |              |

### Vinyl Wire End Caps

**Material:** Made of Polyolefin.

**Usage:** Divide the color for cable in machine, used to various terminals as soft feature, easy to take off.

**Character:** Clearly color, shine, soft, insulated.

**Color:** Red, white, blue, yellow ,black green, brown, available in other color.

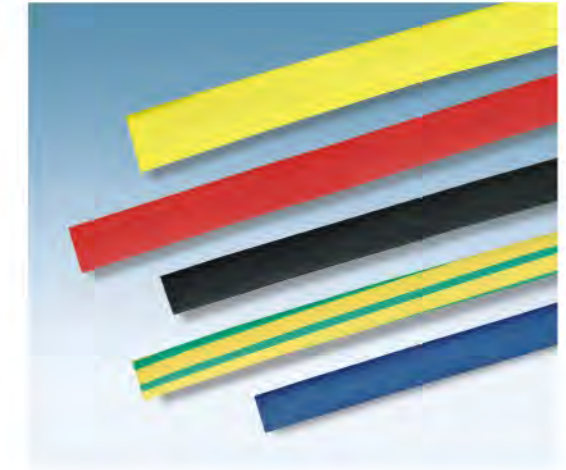
| Item No. | Sqm <sup>2</sup> | Dimension   |             | Packing |
|----------|------------------|-------------|-------------|---------|
|          |                  | D 1 ( m m ) | D 2 ( m m ) |         |
| V-1.25   | 1.25             | 3.3         | 3.1         | 100PCS  |
| V-2      | 2                | 4.5         | 3.7         |         |
| V-3.5    | 3.5              | 5.7         | 4.1         |         |
| V-5.5    | 5.5              | 5.7         | 5.2         |         |
| V-8      | 8                | 7.2         | 6.2         |         |
| V-14     | 14               | 10.0        | 8.0         |         |
| V-22     | 22               | 12.0        | 9.5         |         |
| V-38     | 38               | 14.0        | 11.8        |         |
| V-60     | 60               | 16.8        | 13.5        |         |
| V-80     | 80               | 19.0        | 16.0        |         |
| V-100    | 100              | 22.0        | 18.0        |         |
| V-125    | 125              | 24.0        | 20.0        |         |
| V-150    | 150              | 24.4        | 22.0        |         |
| V-200    | 200              | 32.0        | 24.0        |         |
| V-250    | 250              | 38.0        | 26.5        |         |
| V-325    | 325              | 38.0        | 29.0        |         |
| V-400    | 400              | 44.0        | 37.0        |         |
| V-500    | 500              | 45.0        | 40.4        |         |
| V-630    | 630              | 52.0        | 45.0        |         |

### Heat Shrinkable Tubing

**Function:** wire coat and insulation make the joint of terminal block and wire insulated divide the colors Water-proof Protection and insulation

**Standard color :** black,white,red, blue, yellow, green, brown, grey, orange and purple

| Item No. | As Supplied |           | After Shrinking |           | Packing (Mtrs/Roll) |    |
|----------|-------------|-----------|-----------------|-----------|---------------------|----|
|          | I.D(mm)     | Thickness | I.D(mm)         | Thickness |                     |    |
| DRS-1    | 1.0         | 0.2±0.05  | 0.5             | 0.4±0.05  | 400                 |    |
| DRS-1.5  | 1.5         | 0.2±0.05  | 0.75            | 0.4±0.05  | 300                 |    |
| DRS-2    | 2.0         | 0.25±0.05 | 1.0             | 0.45±0.1  | 200                 |    |
| DRS-2.5  | 2.5         | 0.25±0.05 | 1.25            | 0.45±0.1  |                     |    |
| DRS-3    | 3.0         | 0.25±0.05 | 1.5             | 0.45±0.1  |                     |    |
| DRS-3.5  | 3.5         | 0.25±0.05 | 1.75            | 0.45±0.1  |                     |    |
| DRS-4    | 4.0         | 0.25±0.05 | 2.0             | 0.45±0.1  |                     |    |
| DRS-5    | 5.0         | 0.35±0.05 | 2.5             | 0.55±0.1  | 100                 |    |
| DRS-6    | 6.0         | 0.35±0.05 | 3.0             | 0.55±0.1  |                     |    |
| DRS-7    | 7.0         | 0.35±0.05 | 3.5             | 0.55±0.1  |                     |    |
| DRS-8    | 8.0         | 0.35±0.05 | 4.0             | 0.55±0.1  |                     |    |
| DRS-9    | 9.0         | 0.35±0.05 | 4.5             | 0.55±0.1  |                     |    |
| DRS-10   | 10.0        | 0.35±0.05 | 5.0             | 0.60±0.1  |                     |    |
| DRS-11   | 11.0        | 0.35±0.05 | 5.5             | 0.60±0.1  |                     |    |
| DRS-12   | 12.0        | 0.35±0.1  | 6.0             | 0.70±0.1  |                     |    |
| DRS-13   | 13.0        | 0.35±0.1  | 6.5             | 0.70±0.1  |                     |    |
| DRS-14   | 14.0        | 0.35±0.1  | 7.0             | 0.70±0.1  |                     |    |
| DRS-15   | 15.0        | 0.35±0.1  | 7.5             | 0.70±0.1  | 50                  |    |
| DRS-16   | 16.0        | 0.35±0.1  | 8.0             | 0.70±0.1  |                     |    |
| DRS-17   | 17.0        | 0.35±0.1  | 8.5             | 0.70±0.1  |                     |    |
| DRS-18   | 18.0        | 0.4±0.1   | 9.0             | 0.80±0.1  |                     |    |
| DRS-20   | 20.0        | 0.5±0.1   | 10.0            | 0.90±0.1  |                     |    |
| DRS-22   | 22.0        | 0.5±0.1   | 11.0            | 0.90±0.1  |                     |    |
| DRS-25   | 25.0        | 0.5±0.1   | 12.5            | 0.90±0.1  |                     |    |
| DRS-28   | 28.0        | 0.5±0.1   | 14.0            | 0.90±0.1  |                     |    |
| DRS-30   | 30.0        | 0.5±0.1   | 15.0            | 1.00±0.2  |                     | 25 |
| DRS-35   | 35.0        | 0.5±0.1   | 17.5            | 1.00±0.2  |                     |    |
| DRS-40   | 40.0        | 0.5±0.1   | 20.0            | 1.00±0.2  |                     |    |
| DRS-50   | 50.0        | 0.5±0.1   | 25.0            | 1.00±0.2  |                     |    |
| DRS-60   | 60.0        | 0.6±0.1   | 30.0            | 1.20±0.2  |                     |    |
| DRS-70   | 70.0        | 0.6±0.1   | 35.0            | 1.20±0.2  |                     |    |
| DRS-80   | 80.0        | 0.6±0.1   | 40.0            | 1.20±0.2  |                     |    |
| DRS-90   | 90.0        | 0.6±0.1   | 45.0            | 1.30±0.2  |                     |    |
| DRS-100  | 100.0       | 0.7±0.1   | 50.0            | 1.30±0.2  |                     |    |
| DRS-120  | 120         | 0.7±0.1   | 60.0            | 1.30±0.2  |                     |    |
| DRS-150  | 150         | 0.8±0.1   | 75.0            | 1.60±0.2  |                     |    |





### PVC Heat Shrinking Sleeve

**Material:** Rigid shrinkable PVC

**Usage:** Used for color distinction and insulation of busbar in control panel. to be shrunk by blower or hot water.

**Maximum service temp:** 80°C

| Item No. | Lay Flat Dimension | Convert to Dia. $\phi$ | Shrinkable Range | Color                                |
|----------|--------------------|------------------------|------------------|--------------------------------------|
| HS-2.8   | 2.8                | 1.8                    | 2.8~1.5          | Red<br>White<br>Blue<br>Black        |
| HS-3     | 3.0                | 1.9                    | 3.0~1.6          |                                      |
| HS-4     | 4.0                | 2.5                    | 4.0~2.2          |                                      |
| HS-5     | 5.0                | 3.2                    | 5.0~2.8          |                                      |
| HS-6.5   | 6.5                | 4.1                    | 6.5~3.6          |                                      |
| HS-8.5   | 8.5                | 5.2                    | 8.5~4.5          |                                      |
| HS-12    | 12                 | 7.6                    | 12~6.5           |                                      |
| HS-15    | 15                 | 10                     | 15~5.8           |                                      |
| HS-20    | 20                 | 13                     | 20~11            |                                      |
| HS-30    | 30                 | 19                     | 30~16            |                                      |
| HS-40    | 40                 | 25                     | 40~22            | (Yellow<br>Green<br>Upon<br>Request) |
| HS-50    | 50                 | 32                     | 50~28            |                                      |
| HS-60    | 60                 | 38                     | 60~33            |                                      |
| HS-70    | 70                 | 44                     | 70~37            |                                      |
| HS-80    | 80                 | 50                     | 80~42            |                                      |
| HS-100   | 100                | 63                     | 100~65           |                                      |
| HS-120   | 120                | 76                     | 120~65           |                                      |
| HS-150   | 150                | 95                     | 150~90           |                                      |

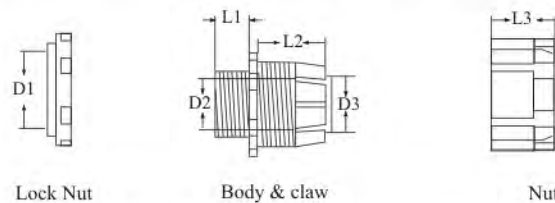
### BG Conduit Glands

**Material:** Nylon66.94V-2.

**Color:** Grey.

**Usage:** Mount body to pre-drilled panel hole, insert conduit through nut. Insert conduit to claw and fix it with nut to complete workes.

| Item No. | D1   | D2   | D3   | L1   | L2   | L3   | Conduit Suitable |
|----------|------|------|------|------|------|------|------------------|
| BG-10    | 14.4 | 6.30 | 7.50 | 9.70 | 18.5 | 15.9 | BG-10P           |
| BG-16    | 15.9 | 11.0 | 10.8 | 10.0 | 17.9 | 15.7 | BG-16P           |
| BG-18    | 16.0 | 11.0 | 13.3 | 9.70 | 18.6 | 15.9 | BG-18P           |
| BG-20    | 19.2 | 15.0 | 14.7 | 10.0 | 17.7 | 16.0 | BG-20P           |
| BG-22    | 20.0 | 15.4 | 17.2 | 9.80 | 17.6 | 16.3 | BG-22P           |
| BG-26    | 25.0 | 18.9 | 19.8 | 11.4 | 23.6 | 20.6 | BG-26P           |
| BG-32    | 31.2 | 26.0 | 24.3 | 12.0 | 22.8 | 20.6 | BG-32P           |
| BG-34    | 32.0 | 26.8 | 28.6 | 11.3 | 23.3 | 20.7 | BG-34P           |
| BG-40    | 37.5 | 31.5 | 31.6 | 11.3 | 23.6 | 20.7 | BG-40P           |
| BG-42    | 40.0 | 32.7 | 34.8 | 11.5 | 23.3 | 20.8 | BG-42P           |
| BG-48    | 44.0 | 37.5 | 40.5 | 12.6 | 22.3 | 20.7 | BG-48P           |
| BG-50    | 44.0 | 37.5 | 39.5 | 12.6 | 21.6 | 20.7 | BG-50P           |



### Nylon Cable Glands PG Type

**Material:** Parts A,C,E are made of nylon66, parts B and D are made of NBR.

**Feature:** Special design of clamping cable, ultra-strong stretching resistance, waterproof,dustproof,and high ability to resist salt,acid, alkali, alcohol, grease and general solvent.

**Color:** Black, white, grey available in other color.

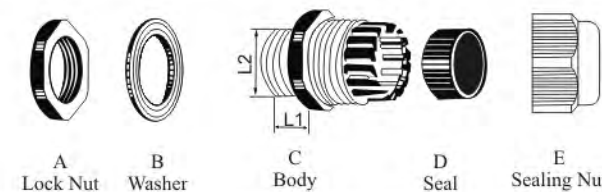
| Item No. | Thread Size | Cable Range (mm) | Thread O.D. L2(mm) | Thread Length L1(mm) | Spanner Size A&E(mm) |
|----------|-------------|------------------|--------------------|----------------------|----------------------|
| PG-7     | PG-7        | 3-6.5            | 12.5               | 9                    | 18/16                |
| PG-9     | PG-9        | 4-8              | 15.2               | 9                    | 22/19                |
| PG-11    | PG-11       | 5-10             | 18.6               | 9                    | 24/22                |
| PG-13.5  | PG-13.5     | 6-11             | 20.4               | 10                   | 27/24                |
| PG-16    | PG-16       | 10-13            | 22.5               | 10                   | 30/27                |
| PG-19    | PG-19       | 12-15            | 24                 | 10                   | 30/28                |
| PG-21    | PG-21       | 13-18            | 28.3               | 12                   | 35/33                |
| PG-25    | PG-25       | 16-21            | 30                 | 12                   | 37/35                |
| PG-29    | PG-29       | 18-25            | 37                 | 12                   | 45/42                |
| PG-36    | PG-36       | 22-32            | 47                 | 15                   | 58/52                |
| PG-42    | PG-42       | 32-38            | 54                 | 18                   | 62/58                |
| PG-48    | PG-48       | 37-44            | 59.3               | 18                   | 70/64                |
| PG-63    | PG-63       | 42-50            | 71                 | 30                   | 83/77                |



PG Type

### Nylon Cable Gland M Type

| Item No. | Thread Size | Cable Range (mm) | Thread O.D. L2(mm) | Thread Length L1(mm) | Spanner Size A&E(mm) |
|----------|-------------|------------------|--------------------|----------------------|----------------------|
| M12      | M12X1.5     | 3-6.5            | 12                 | 9                    | 18/16                |
| M16      | M16X1.5     | 4-8              | 16                 | 9                    | 22/19                |
| M18      | M18X1.5     | 5-10             | 18                 | 9                    | 24/22                |
| M20      | M20X1.5     | 6-11             | 20                 | 10                   | 27/24                |
| M22      | M22X1.5     | 10-13            | 22                 | 10                   | 30/27                |
| M24      | M24X1.5     | 12-15            | 24                 | 10                   | 30/28                |
| M25      | M25X1.5     | 13-18            | 25                 | 11                   | 31/28                |
| M27      | M27X1.5     | 13-18            | 27                 | 12                   | 35/33                |
| M28      | M28X1.5     | 13-18            | 28                 | 12                   | 35/33                |
| M30      | M30X1.5     | 16-21            | 30                 | 12                   | 37/35                |
| M32      | M32X1.5     | 18-25            | 32                 | 12                   | 38/35                |
| M36      | M36X1.5     | 22-32            | 36                 | 12                   | 45/42                |
| M40      | M40X1.5     | 22-32            | 40                 | 15                   | 52/52                |
| M46      | M46X1.5     | 32-38            | 46                 | 15                   | 58/52                |
| M50      | M50X1.5     | 37-44            | 50                 | 18                   | 62/58                |
| M58      | M58X1.5     | 37-44            | 58                 | 18                   | 70/64                |
| M63      | M63X1.5     | 37-44            | 63                 | 18                   | 72/64                |
| M71      | M71X1.5     | 42-50            | 71                 | 30                   | 83/77                |



M Type



MG Type

### Nylon Cable Glands MG Type

| Item No. | Thread Size | Cable Range (mm) | Thread O.D. L1(mm) | Thread Length L2(mm) | Spanner Size A&E(mm) |
|----------|-------------|------------------|--------------------|----------------------|----------------------|
| MG12A    | MG12 × 1.5  | 4.5-8            | 12                 | 9                    | 18/19                |
| MG16A    | MG16 × 1.5  | 6-10             | 16                 | 15                   | 22/22                |
| MG20A    | MG20 × 1.5  | 9-14             | 20                 | 15                   | 27/27                |
| MG25A    | MG25 × 1.5  | 13-18            | 25                 | 15                   | 33/33                |
| MG32A    | MG32 × 1.5  | 18-25            | 32                 | 15                   | 41/41                |
| MG40A    | MG40 × 1.5  | 24-30            | 40                 | 20                   | 50/50                |
| MG50A    | MG50 × 1.5  | 31-41            | 50                 | 22                   | 60/62                |
| MG63A    | MG63 × 1.5  | 44-51            | 63                 | 25                   | 75/75                |
| MG90A    | MG90 × 1.5  | 66-77            | 90                 | 25                   | 110/110              |

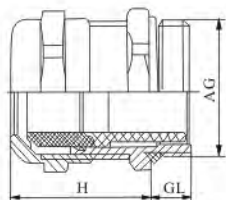


### Metal Cable Gland PG Type

**Material:** Brass with nickel plated.

**Usage:** Used for fixing cables and provide effective protection against dust, oil, water penetrating electrical distribution box, electromechanical control panel and other instruments. Innovative design for seal and clamp, wide clamp range, strong resistance against tensile strength and thus it can protect cables effectively.

| Thread size | Cable Range | Outer Diameter of Thread(mm) | Mounting Hole Diameter (mm) | Thread Length GL(mm) | lengthened Type GL(mm) | Joint Length H(mm) | Spanner Size (mm) |
|-------------|-------------|------------------------------|-----------------------------|----------------------|------------------------|--------------------|-------------------|
| PG-7        | 6.5-3       | 12.5                         | 12.5-12.7                   | 7                    | 10                     | 19                 | 14                |
| PG-9        | 8-4         | 15.2                         | 15.2-15.4                   | 8                    | 10                     | 20                 | 17                |
| PG-11       | 10-5        | 18.6                         | 18.6-18.8                   | 8                    | 10                     | 21                 | 20                |
| PG-13.5     | 12-6        | 20.4                         | 20.4-20.6                   | 8                    | 15                     | 22                 | 22                |
| PG-16       | 14-10       | 22.5                         | 22.5-22.7                   | 9                    | 15                     | 23                 | 24                |
| PG-19       | 14-10       | 25                           | 25-25.2                     | 9                    | 15                     | 25                 | 24/27             |
| PG-21       | 18-13       | 28.3                         | 28.3-28.5                   | 9                    | 15                     | 27                 | 30                |
| PG-25       | 22-15       | 32                           | 32-32.2                     | 10                   | 15                     | 29                 | 35                |
| PG-29       | 25-18       | 37                           | 37-37.2                     | 11                   | 15                     | 31                 | 40                |
| PG-36       | 33-22       | 47                           | 47-47.2                     | 12                   | 15                     | 37                 | 50                |
| PG-42       | 38-32       | 54                           | 54-54.2                     | 13                   | 15                     | 38                 | 57                |
| PG-48       | 44-37       | 59.3                         | 59.3-59.5                   | 14                   | 15                     | 38                 | 65                |
| PG-63       | 52-42       | 72                           | 72-72.2                     | 15                   | 20                     | 42                 | 77                |

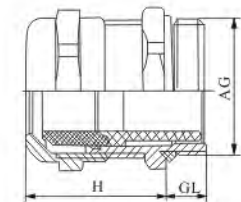


### Metal Cable Gland M Type

**Material:** Brass with nickel plated.

**Usage:** Used for fixing cables and provide effective protection against dust, oil, water penetrating electrical distribution box, electromechanical control panel and other instruments. Innovative design for seal and clamp, wide clamp range, strong resistance against tensile strength and thus it can protect cables effectively.

| Thread size | Cable Range | Outer Diameter of Thread(mm) | Mounting Hole Diameter (mm) | Thread Length GL(mm) | lengthened Type GL(mm) | Joint Length H(mm) | Spanner Size (mm) |
|-------------|-------------|------------------------------|-----------------------------|----------------------|------------------------|--------------------|-------------------|
| M8x1.25     | 4-2         | 8                            | 8-8.2                       | 5                    | 7                      | 16                 | 11                |
| M10x1.5     | 6-3         | 10                           | 10-10.2                     | 5                    | 7                      | 16                 | 12                |
| M12x1.5     | 6.5-3       | 12                           | 12-12.2                     | 7                    | 10                     | 19                 | 14                |
| M14x1.5     | 8-4         | 14                           | 14-14.2                     | 7                    | 10                     | 19                 | 18                |
| M16x1.5     | 8-4         | 16                           | 16-16.2                     | 8                    | 10                     | 20                 | 18                |
| M18x1.5     | 10-5        | 18                           | 18-18.2                     | 8                    | 10                     | 21                 | 20                |
| M20x1.5     | 12-6        | 20                           | 20-20.2                     | 8                    | 15                     | 22                 | 22                |
| M22x1.5     | 14-10       | 22                           | 22-22.2                     | 8                    | 15                     | 23                 | 24                |
| M24x1.5     | 14-10       | 24                           | 24-24.2                     | 9                    | 15                     | 25                 | 24/27             |
| M25x1.5     | 14-10       | 25                           | 25-25.2                     | 9                    | 15                     | 25                 | 24/27             |
| M25x1.5     | 18-13       | 25                           | 25-25.2                     | 9                    | 15                     | 27                 | 30/27             |
| M27x1.5(2)  | 18-13       | 27                           | 27-27.2                     | 9                    | 15                     | 27                 | 30                |
| M28x1.5(2)  | 18-13       | 28                           | 28-28.2                     | 9                    | 15                     | 27                 | 30                |
| M30x1.5(2)  | 18-13       | 30                           | 30-30.2                     | 9                    | 15                     | 29                 | 30/32             |
| M32x1.5(2)  | 22-15       | 32                           | 32-32.2                     | 10                   | 15                     | 29                 | 35                |
| M33x1.5(2)  | 22-15       | 33                           | 33-33.2                     | 10                   | 15                     | 29                 | 35                |
| M36x1.5(2)  | 25-18       | 36                           | 36-36.2                     | 10                   | 15                     | 31                 | 40                |
| M37x1.5(2)  | 25-18       | 37                           | 37-37.2                     | 10                   | 15                     | 31                 | 40                |
| M40x1.5(2)  | 25-18       | 40                           | 40-40.2                     | 11                   | 15                     | 31                 | 40/45             |
| M40x1.5(2)  | 30-22       | 40                           | 40-40.2                     | 11                   | 15                     | 35                 | 45                |
| M42x1.5(2)  | 30-22       | 42                           | 42-42.2                     | 11                   | 15                     | 35                 | 45                |
| M47x1.5(2)  | 33-25       | 47                           | 47-47.2                     | 11                   | 15                     | 37                 | 50                |
| M48x1.5(2)  | 33-25       | 48                           | 48-48.2                     | 11                   | 15                     | 37                 | 50                |
| M50x1.5(2)  | 38-32       | 50                           | 50-50.2                     | 12                   | 15                     | 37                 | 57/55             |
| M54x1.5(2)  | 38-32       | 54                           | 54-54.2                     | 12                   | 15                     | 38                 | 57                |
| M56x1.5(2)  | 38-32       | 56                           | 56-56.2                     | 12                   | 15                     | 38                 | 57/59             |
| M60x1.5(2)  | 44-37       | 60                           | 60-60.2                     | 13                   | 15                     | 38                 | 65                |
| M63x1.5(2)  | 44-37       | 63                           | 63-63.2                     | 13                   | 15                     | 38                 | 65                |
| M64x1.5(2)  | 44-37       | 64                           | 64-64.2                     | 13                   | 15                     | 38                 | 65/68             |
| M72x2       | 52-42       | 72                           | 72-72.2                     | 15                   | 20                     | 42                 | 77                |
| M75x2       | 52-42       | 75                           | 75-75.2                     | 15                   | 20                     | 42                 | 77                |
| M80x2       | 62-55       | 80                           | 80-80.2                     | 15                   | 20                     | 45                 | 90                |
| M88x2       | 70-65       | 88                           | 88-88.2                     | 15                   | 20                     | 45                 | 94                |
| M100x2      | 84-78       | 100                          | 100-100.2                   | 15                   | 20                     | 45                 | 110               |







### Wiring Ducts(Solid)

**Material:** Made from PVC(white), good insulation and heatresisting up to 85°C.  
**Struction:** Made up of duct bottom and lid.  
**Application:** Used in stage, electric, air condition or indoors.  
**Feature:** Solid design, especially for anti-dust and mouse.

| Item No.   | H × W     | Contained Wire(1.5 <sup>2</sup> ) | Length |
|------------|-----------|-----------------------------------|--------|
| PZC-1015   | 10 × 15   | 3-5PCS                            | 2M     |
| PZC-1020   | 10 × 20   | 3-6PCS                            |        |
| PZC-1025   | 10 × 25   | 5-10PCS                           |        |
| PZC-1525   | 15 × 25   | 5-10PCS                           |        |
| PZC-2030   | 20 × 30   | 10-20PCS                          |        |
| PZC-2035   | 20 × 35   | 15-25PCS                          |        |
| PZC-2540   | 25 × 40   | 20-40PCS                          |        |
| PZC-3050   | 30 × 50   | 30-50PCS                          |        |
| PZC-3060   | 30 × 60   | 55-65PCS                          |        |
| PZC-5080   | 50 × 80   | 180-200PCS                        |        |
| PZC-50100  | 50 × 100  | 220-250PCS                        |        |
| PZC-80100  | 80 × 100  | 260-350PCS                        |        |
| PZC-100100 | 100 × 100 | 300-400PCS                        |        |



### Round Type Wiring Ducts

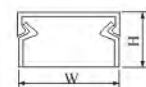
**Material:** High impact, rigid, self-extinguishing P.V.C  
 Backed with high quality double sided tape for permanent stick.  
 Good for floor wiring to facilitate and to avoid trip.

| Item No. | W   | H   | Length | Color                  |
|----------|-----|-----|--------|------------------------|
| RWD-2    | 20  | 6   | 1M     | White<br>Grey<br>Brown |
| RWD-3    | 30  | 8   |        |                        |
| RWD-4    | 40  | 9.5 |        |                        |
| RWD-5    | 50  | 11  |        |                        |
| RWD-6    | 60  | 13  |        |                        |
| RWD-7    | 70  | 15  |        |                        |
| RWD-9    | 90  | 19  |        |                        |
| RWD-12   | 120 | 25  |        |                        |

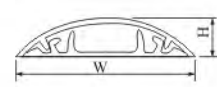
### Telephone Wiring Ducts(Self-adhesive)

**Material:** Rigid, self-extinguishing P.V.C. Backed with high quality self-adhesive tape to facilitate wire application.  
**Application:** Protect wire on floor.

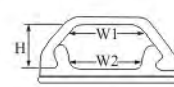
| Item No. | W1(mm) | W2(mm) | H(mm) | Length(mm) |
|----------|--------|--------|-------|------------|
| TWD-1    | 6      | 7      | 4     | 1M         |
| TWD-2    | 8      | 8      | 6     |            |
| TWD-3    | 10     | 10     | 7     |            |
| TWD-4    | 12     | 15     | 10    |            |
| TWD-5    | 10     | 17     | 13    |            |
| TWD-6    | 11     | 19     | 16    |            |
| TWD-7    | 30     | 37     | 16    |            |



Wiring Duct(Solid)



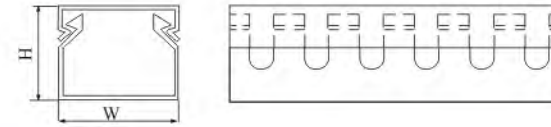
Round Type Wiring Duct



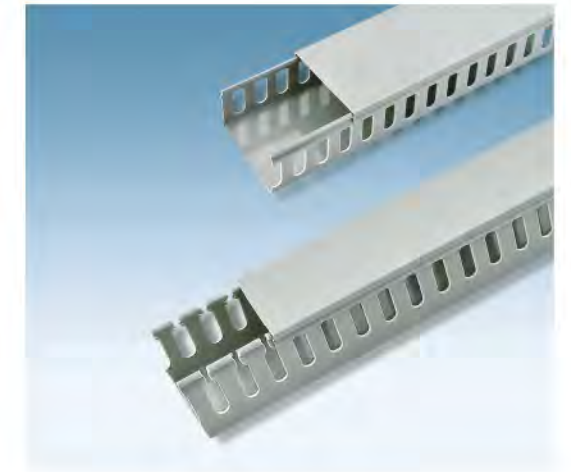
Telephone Wiring Duct

### Wiring Ducts(Slotted)

**Material:** Made from PVC(grey), good insulation and heat-resisting up to 85°C.  
**Struction:** Made up of duct bottom and lid, with two out-holes designed at the bottom.



| Item No.   | H × W     | Contained Wire(1.5mm <sup>2</sup> ) | Length |
|------------|-----------|-------------------------------------|--------|
| PXC-2015   | 20 × 15   | 5-10PCS                             | 2M     |
| PXC-2020   | 20 × 20   | 10-15PCS                            |        |
| PXC-2025   | 20 × 25   | 10-20PCS                            |        |
| PXC-2525   | 25 × 25   | 10-25PCS                            |        |
| PXC-2545   | 25 × 45   | 25-40PCS                            |        |
| PXC-3015   | 30 × 15   | 5-15PCS                             |        |
| PXC-3020   | 30 × 20   | 10-20PCS                            |        |
| PXC-3025   | 30 × 25   | 15-25PCS                            |        |
| PXC-3030   | 30 × 30   | 20-30PCS                            |        |
| PXC-3035   | 30 × 35   | 30-45PCS                            |        |
| PXC-3040   | 30 × 40   | 35-50PCS                            |        |
| PXC-3050   | 30 × 50   | 45-60PCS                            |        |
| PXC-3525   | 35 × 25   | 25-35PCS                            |        |
| PXC-3535   | 35 × 35   | 40-55PCS                            |        |
| PXC-4025   | 40 × 25   | 20-40PCS                            |        |
| PXC-4030   | 40 × 30   | 35-50PCS                            |        |
| PXC-4040   | 40 × 40   | 45-55PCS                            |        |
| PXC-4060   | 40 × 60   | 60-80PCS                            |        |
| PXC-4525   | 45 × 25   | 25-40PCS                            |        |
| PXC-4535   | 45 × 35   | 40-55PCS                            |        |
| PXC-4545   | 45 × 45   | 60-70PCS                            |        |
| PXC-4565   | 45 × 65   | 90-100PCS                           |        |
| PXC-5015   | 50 × 15   | 25-35PCS                            |        |
| PXC-5025   | 50 × 25   | 25-45PCS                            |        |
| PXC-5030   | 50 × 30   | 30-55PCS                            |        |
| PXC-5035   | 50 × 35   | 50-60PCS                            |        |
| PXC-5040   | 50 × 40   | 60-70PCS                            |        |
| PXC-5045   | 50 × 45   | 70-85PCS                            |        |
| PXC-5050   | 50 × 50   | 90-100PCS                           |        |
| PXC-5055   | 50 × 55   | 100-110PCS                          |        |
| PXC-5060   | 50 × 60   | 95-105PCS                           |        |
| PXC-5080   | 50 × 80   | 180-200PCS                          |        |
| PXC-50100  | 50 × 100  | 220-250PCS                          |        |
| PXC-6525   | 65 × 25   | 60-70PCS                            |        |
| PXC-6545   | 65 × 45   | 100-110PCS                          |        |
| PXC-6565   | 65 × 65   | 180-200PCS                          |        |
| PXC-8035   | 80 × 35   | 140-160PCS                          |        |
| PXC-8045   | 80 × 45   | 160-180PCS                          |        |
| PXC-8050   | 80 × 50   | 180-200PCS                          |        |
| PXC-8055   | 80 × 55   | 200-220PCS                          |        |
| PXC-8080   | 80 × 80   | 240-290PCS                          |        |
| PXC-80100  | 80 × 100  | 280-350PCS                          |        |
| PXC-100100 | 100 × 100 | 300-400PCS                          |        |





### Flexible Corrugated Conduit

**Material:** PA, PE, PP.  
Flexibility for installation while providing protection for cables.  
**Color:** Black. Other colors are also available.

| Item No. | Size   | Inner Dia. | Outer Dia. | Curved Radius | Packing (m) |
|----------|--------|------------|------------|---------------|-------------|
| AD7.0    | -      | 4.5        | 7.0        | 16            | 200         |
| AD10.0   | 1/4"   | 6.5        | 11.0       | 16            | 100         |
| AD13.0   | 5/16"  | 10.0       | 13.0       | 20            | 100         |
| AD15.8   | 3/8"   | 12.0       | 15.8       | 30            | 100         |
| AD18.5   | -      | 14.3       | 18.5       | 40            | 100         |
| AD21.2   | 1/2"   | 17.0       | 21.2       | 45            | 100         |
| AD25.0   | -      | 20.0       | 25.0       | 45            | 50          |
| AD28.5   | 3/4"   | 23.0       | 28.5       | 50            | 50          |
| AD34.5   | 1"     | 29.0       | 34.5       | 60            | 50          |
| AD42.5   | 1 1/4" | 36.0       | 42.5       | 70            | 50          |
| AD54.5   | 2"     | 48.0       | 54.5       | 80            | 25          |

### Conduit Adaptors

| Item No. | Suitable for Conduit | Thread |         | Thread Length | Total Length | Wrench Size |
|----------|----------------------|--------|---------|---------------|--------------|-------------|
|          |                      | PG     | Metric  |               |              |             |
| SM-G-M12 | AD10.0               | PG7    | M12×1.5 | 10            | 34.5         | 15          |
| SM-G-M16 | AD13.0               | PG9    | M16×1.5 | 10            | 36           | 18          |
| SM-G-M18 | AD15.8               | PG11   | M18×1.5 | 10            | 38           | 21          |
| SM-G-M20 | AD18.5               | PG13.5 | M20×1.5 | 10            | 40           | 24          |
| SM-G-M24 | AD21.2               | PG16   | M24×1.5 | 11            | 45           | 27          |
| SM-G-M25 | AD25.0               | -      | M25×1.5 | -             | -            | -           |
| SM-G-M27 | AD28.5               | PG21   | M27×2.0 | 12            | 48           | 34          |
| SM-G-M36 | AD34.5               | PG29   | M36×2.0 | 12            | 51           | 40          |
| SM-G-M48 | AD42.5               | PG36   | M48×2.0 | 14            | 54           | 48          |
| SM-G-M60 | AD54.5               | PG48   | M60×2.0 | 14.5          | 55           | 59          |

### Other Conduit Adaptors



SM

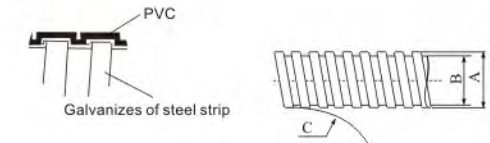
SM-W

VH Bracket

### JSH PVC Coated Flexible Metal Conduit

- Extra flexible with excellent mechanical strength
- Thin, vacuum extruded jacket has minimal effect on the core flexibility
- PVC jacket is UV Resistant
- Helically wound, hot dipping galvanized steel core, for superior strength
- Flame self-extinguish

| Item No. | Size(inch) | B                 |                   | C                   |             | Reel Length |
|----------|------------|-------------------|-------------------|---------------------|-------------|-------------|
|          |            | Internal Dia.(mm) | External Dia.(mm) | Min.Bend Radius(mm) | Reel Length |             |
| JSH-8    | -          | 8                 | 11                | 25                  | 200m        |             |
| JSH-10   | 5/16"      | 10                | 13                | 30                  | 100m        |             |
| JSH-12   | -          | 12                | 15                | 40                  | 100m        |             |
| JSH-13   | 3/8"       | 13                | 16                | 43                  | 100m        |             |
| JSH-16   | 1/2"       | 16                | 19                | 45                  | 50m         |             |
| JSH-19   | -          | 19                | 23                | 50                  | 50m         |             |
| JSH-20   | 3/4"       | 20                | 24                | 50                  | 50m         |             |
| JSH-25   | 1"         | 25                | 29                | 57                  | 50m         |             |
| JSH-32   | 1 1/4"     | 32                | 36                | 70                  | 30m         |             |
| JSH-38   | 1 1/2"     | 38                | 43                | 80                  | 30m         |             |
| JSH-50   | 2"         | 50                | 55                | 95                  | 20m         |             |
| JSH-63   | 2 1/2"     | 63                | 70                | 140                 | 10m         |             |
| JSH-78   | 3"         | 78                | 85                | 150                 | 10m         |             |
| JSH-100  | 4"         | 100               | 109               | 190                 | 10m         |             |

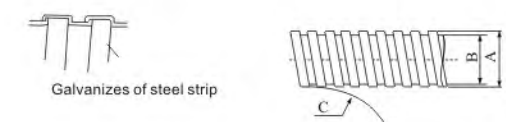


### JS Glvanized Flexible Metal Conduit

The inherent flame resistance of the unjacketed product makes it suitable for a range of uses where high mechanical strength yet extreme flexibility is required eg. building fire systems.

- manufacture either in galvanized steel or stainless steel.
- Interlocked structure for superior strength is available
- Non-flame propagating.
- High Flexibility & UV Resistance

| Item No. | Size(inch) | B                 |                   | C                   |             | Reel Length |
|----------|------------|-------------------|-------------------|---------------------|-------------|-------------|
|          |            | Internal Dia.(mm) | External Dia.(mm) | Min.Bend Radius(mm) | Reel Length |             |
| JS-8     | -          | 8                 | 10                | 25                  | 200m        |             |
| JS-10    | 5/16"      | 10                | 12                | 30                  | 100m        |             |
| JS-12    | -          | 12                | 14                | 40                  | 100m        |             |
| JS-13    | 3/8"       | 13                | 15                | 43                  | 100m        |             |
| JS-16    | 1/2"       | 16                | 18                | 45                  | 50m         |             |
| JS-19    | -          | 19                | 22                | 50                  | 50m         |             |
| JS-20    | 3/4"       | 20                | 23                | 50                  | 50m         |             |
| JS-25    | 1"         | 25                | 28                | 57                  | 50m         |             |
| JS-32    | 1 1/4"     | 32                | 35                | 70                  | 30m         |             |
| JS-38    | 1 1/2"     | 38                | 42                | 80                  | 30m         |             |
| JS-50    | 2"         | 50                | 54                | 95                  | 20m         |             |
| JS-63    | 2 1/2"     | 63                | 68                | 140                 | 10m         |             |
| JS-78    | 3"         | 78                | 84                | 150                 | 10m         |             |
| JS-100   | 4"         | 100               | 107               | 190                 | 10m         |             |

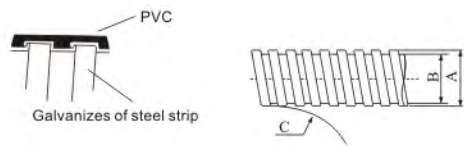




### JSB Liquid Tight Flexible Metal Conduit

- PVC cover, Halogen-free, low smoke, lead-free
- Temperature: -20°C to 70°C, intermittent up to +100 °C.
- Hot dipping galvanized steel core, square-locked with cord packing, thick smooth PVC cover .
- Flame self-extinguish, sunlight and UV resistant, suitable for outside installation.

| Item No. | B                 | A                 | C                   | Reel Length |
|----------|-------------------|-------------------|---------------------|-------------|
|          | Internal Dia.(mm) | External Dia.(mm) | Min.Bend Radius(mm) |             |
| JSB-10   | 7                 | 11.8              | 40                  | 100m        |
| JSB-12   | 10.7              | 14.2              | 45                  | 100m        |
| JSB-16   | 12.5              | 17.8              | 50                  | 100m        |
| JSB-20   | 16                | 21.1              | 80                  | 50m         |
| JSB-25   | 21                | 26.4              | 110                 | 50m         |
| JSB-32   | 26.7              | 33.1              | 145                 | 50m         |
| JSB-40   | 35.4              | 41.8              | 180                 | 30m         |
| JSB-50   | 40.4              | 47.9              | 240                 | 30m         |
| JSB-63   | 51.6              | 59.9              | 345                 | 20m         |



### Flexible Conduit Adaptor

**Material:** Zinc Alloy (Aluminum alloy is available) Waterproof, protect wire safety. Male straight conduit fitting, Die-casting zinc alloy with zinc plated on surface. Smooth surface, Chrome or Nickel plating is available.

| Item No.  | Conduit Suitable | BS Thread | Metric Thread |
|-----------|------------------|-----------|---------------|
| DPJ8      | JSH8             | 5/16"     | M16×1.5       |
| DPJ10     | JSH10            | 1/4"      | M16×1.5       |
| DPJ12(13) | JSH12,JSH13      | 3/8"      | M20×1.5       |
| DPJ16     | JSH16            | 1/2"      | M20×1.5       |
| DPJ20(19) | JSH19,JSH20      | 3/4"      | M30×2         |
| DPJ25     | JSH25            | 1"        | M36×2         |
| DPJ32     | JSH32            | 1 1/4"    | M42×2         |
| DPJ38(40) | JSH38            | 1 1/2"    | M60×2         |
| DPJ51(50) | JSH50            | 2"        | M75×2         |
| DPJ64(70) | JSH64            | 2 1/2"    | M76×2         |
| DPJ75(80) | JSH78            | 3"        | M88×2         |
| DPJ100    | JSH100           | 4"        | M114×2        |

### Other Flexible Conduit Adaptors



Inner Threaded Union

Sleeve Chuck Joint

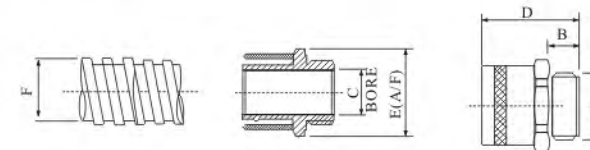
45° Angle Elbow Union

Right Angle Elbow Union

### Flexible Metal Conduit Adaptor

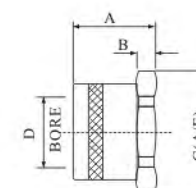
Straight fitting - fixed external thread  
For insertion into knockouts using a locknut.  
Available for nickel-plated brass, galvanized steel.

| Item No. | Thread  |         |      | Nominal Dimensions(mm) |      |      |      |      |
|----------|---------|---------|------|------------------------|------|------|------|------|
|          | Metric  | BS      | PG   | B                      | C    | D    | E    | F    |
| BPA-10   | M12×1.5 | G3/8"   | PG7  | 8                      | 5.5  | 23   | 14   | 10   |
| BPA-12   | M16×1.5 | G1/2"   | PG9  | 8                      | 8.5  | 23   | 17   | 14   |
| BPA-16   | M16×1.5 | G1/2"   | PG11 | 10                     | 11.5 | 25.5 | 20   | 17   |
| BPA-20   | M20×1.5 | G3/4"   | PG16 | 12                     | 15.3 | 29   | 24   | 21   |
| BPA-25   | M25×1.5 | G1"     | PG21 | 12                     | 19   | 36.5 | 30   | 26   |
| BPA-32   | M32×1.5 | G1 1/4" | PG29 | 14                     | 26.2 | 39   | 38   | 34   |
| BPA-40   | M40×1.5 | G1 1/2" | PG36 | 15                     | 34.2 | 43   | 50   | 44.5 |
| BPA-50   | M50×1.5 | G2"     | PG42 | 15                     | 45   | 45   | 66.5 | 55   |
| BPA-63   | M63×1.5 | G2 1/2" | PG48 | 20                     | 54   | 57   | 76.5 | 64.5 |
| BPA-75   | M75×1.5 | G3"     | -    | 20                     | 66.5 | 60   | 84   | 79   |



Smooth entry bush  
For locking conduit into plain holes in enclosures.

| Item No. | Nominal Dimensions(mm) |     |    |      |
|----------|------------------------|-----|----|------|
|          | B                      | B   | C  | D    |
| BPC-10   | 15.5                   | 3.5 | 14 | 5.5  |
| BPC-12   | 15.5                   | 3.5 | 17 | 8.5  |
| BPC-16   | 15.5                   | 3.5 | 20 | 11.5 |
| BPC-20   | 15.5                   | 4.0 | 24 | 15.3 |
| BPC-25   | 22                     | 4.0 | 28 | 19.0 |
| BPC-32   | 25                     | 5.0 | 38 | 26.2 |
| BPC-40   | 27.5                   | 5.5 | 54 | 34.2 |
| BPC-50   | 28                     | 6.0 | 60 | 45.0 |
| BPC-63   | 31                     | 7.0 | 76 | 54.0 |
| BPC-75   | 36                     | 6.0 | 84 | 66.5 |



A-Type



C-Type



**PVC Pipe Bending Spring**

| Item No. | Dia.of spring (mm) | Suitable for PVC conduit(mm) | Length (mm) | Color               | Material   |
|----------|--------------------|------------------------------|-------------|---------------------|------------|
| PBS-20   | 16                 | 20                           | 550         | Black or galvanized | 65Mn steel |
| PBS-25   | 20                 | 25                           |             |                     |            |
| PBS-32   | 26                 | 32                           |             |                     |            |



**Cable Puller**

**Material:** Made of spring steel  
**Function:**For wiring through conduit.

| Item No. | Width(mm) | Thickness(mm) | Length              |
|----------|-----------|---------------|---------------------|
| MCP-3    | 3.2       | 0.5           | 5m,10m,<br>15m,20m, |
| MCP-5    | 5.0       | 0.5           | 30m                 |

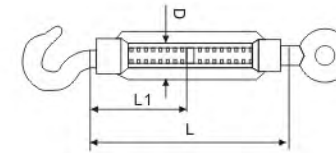


**EMT Straps**

| Nominal Size | Dia(mm) | Type                       |
|--------------|---------|----------------------------|
| 1/2"         | 20      | One hole<br>or<br>Two hole |
| 3/4"         | 26      |                            |
| 1"           | 32      |                            |
| 1-1/4"       | 42      |                            |
| 1-1/2"       | 47      |                            |
| 2"           | 60      |                            |
| 2 1/2"       | -       |                            |
| 3"           | -       |                            |
| 4"           | -       |                            |

**Turnbuckles**

**Material:** Carbon steel  
**Treatment:** Dipping galvanized



| Size(mm) | L   | L1  | D      |
|----------|-----|-----|--------|
| 5        | 70  | 35  | M5     |
| 6        | 110 | 55  | M6     |
| 8        | 110 | 57  | M8     |
| 10       | 125 | 68  | M10    |
| 11       | 125 | 68  | M11    |
| 12       | 125 | 70  | M12    |
| 14       | 140 | 75  | M14    |
| 16       | 170 | 88  | M16    |
| 20       | 200 | 105 | M20    |
| 22       | 220 | 118 | M22    |
| 24       | 255 | 135 | M24    |
| 30       | 255 | 135 | M30    |
| 32       | 295 | 148 | 1 1/4" |
| 36       | 295 | 158 | M36    |



**Wire Ropes**

| Wire Rope Structure | Wire Rope Diameter | Wire Rope Fatigue Testing Number Not Less Than | Pulley Diameter | Wire Rope Tension (kg) |
|---------------------|--------------------|------------------------------------------------|-----------------|------------------------|
| 7×7                 | 2.15               | -6000                                          | 22              | 2.50                   |
|                     | 2.50               | -6000                                          | 22              | 3.50                   |
|                     | 3.05               | -6000                                          | 22              | 7.50                   |
|                     | 3.60               | 8000                                           | 35              | 10.5                   |
|                     | 4.50               | 8000                                           | 45              | 15.5                   |
| 7×19                | 3.00               | 25000(7000)                                    | 22              | 7.50                   |
|                     | 3.60               | 13000(16000)                                   | 35              | 9.00                   |
|                     | 4.20               | 100000(130000)                                 | 40              | 13.0                   |
|                     | 5.10               | 90000(130000)                                  | 50              | 18.0                   |
|                     | 6.00               | 40000(130000)                                  | 55              | 24.5                   |
| 6×19+1              | 3.00               | 18000                                          | 22              | 6.50                   |
|                     | 3.60               | 100000                                         | 35              | 8.00                   |
|                     | 4.20               | 90000                                          | 40              | 11.0                   |
|                     | 5.10               | -80000                                         | 50              | 16.0                   |
|                     | 6.20               | -30000                                         | 55              | 20.0                   |

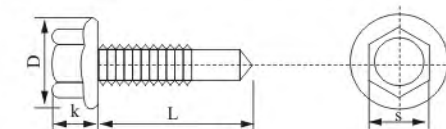


PVC coated wire Rope / Galvanized wire rope

**Hex Washer Head Self-drilling Screws**

**Material:** carbon steel C1022A, SS200, SS201, SS304, SS316, SS410, SS430  
**Surface treatment:** BLK, Zinc Plate(yellow/white/blue) , Nickel Plated

| Item No. | Head Size | Dia.(mm) |      | K(mm) |      | S(mm) |      | L          |
|----------|-----------|----------|------|-------|------|-------|------|------------|
|          |           | Max.     | Min. | Max.  | Min. | Max.  | Min. |            |
| ST3.5    | 6#        | 8.3      | 7.6  | 3.45  | 3.2  | 5.5   | 5.32 | 19mm-250mm |
| ST3.9    | 7#        | 8.3      | 7.6  | 3.45  | 3.2  | 5.5   | 5.32 |            |
| ST4.2    | 8#        | 8.8      | 8.1  | 4.30  | 4.0  | 7.0   | 6.78 |            |
| ST4.8    | 10#       | 10.5     | 9.8  | 4.45  | 4.15 | 8.0   | 7.80 |            |
| ST5.5    | 12#       | 11.0     | 10.0 | 5.45  | 5.15 | 8.0   | 7.78 |            |
| ST6.3    | 14#       | 13.2     | 12.2 | 6.45  | 6.15 | 10.0  | 9.78 |            |



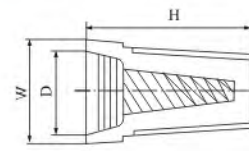


### Wire Connectors

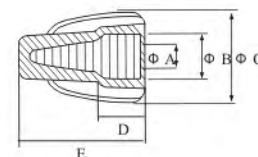
**Material:** UL Nylon 66, with spring inside.  
**Usage:** peel wire coat, insert the wire in, then tighten.

| Item No. | H(mm) | W(mm) | D(mm) | Suitable Wires                   | Color  |
|----------|-------|-------|-------|----------------------------------|--------|
| CP1      | 15    | 8.7   | 6.5   | MIN#20×1+#22×1<br>MAX#16×2       | Grey   |
| CP2      | 18    | 10.0  | 7.5   | MIN#20×3<br>MAX#16×3             | Blue   |
| CP3      | 23    | 11.2  | 9.5   | MIN#20×3<br>MAX#16×3+#18×1       | Orange |
| CP4      | 24.2  | 13.6  | 10.8  | MIN#14×1+#18×1<br>MAX#14×4+#18×1 | Yellow |
| CP6      | 27.8  | 16.1  | 12.7  | MIN#14×2<br>MAX#10×2+#12×2       | Red    |

| Item No. | Dimension(mm) |      |       |       |       | Suitable Wire<br>A.W.G | Color  |
|----------|---------------|------|-------|-------|-------|------------------------|--------|
|          | A             | B    | C     | D     | E     |                        |        |
| SW1      | 6.7           | 10.0 | 19.0  | 8.7   | 25.9  | 18-10                  | Yellow |
| SW2      | 7.8           | 11.2 | 18.95 | 8.55  | 28.9  | 22-8                   | Brown  |
| SW3      | 9.4           | 13.3 | 22.9  | 9.2   | 31.9  | 18-8                   | Red    |
| SW4      | 10.5          | 14.5 | 25.1  | 9.6   | 32.93 | 18-8                   | Grey   |
| SW5      | 12.8          | 17.5 | 31.8  | 12.45 | 40.2  | 14-6                   | Blue   |



CP1-CP6

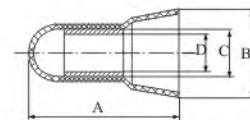


SW1-SW5

### Wire Joints

**Shell material:** Nylon 66, 94V-2.  
**Usage:** Peel the coat of wire, then insert to tube, use pincers to fix them.  
**Feature:** Nylon shell, long copper tube, easy to conduct electricity and hold wire tightly.

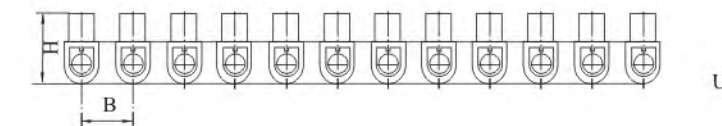
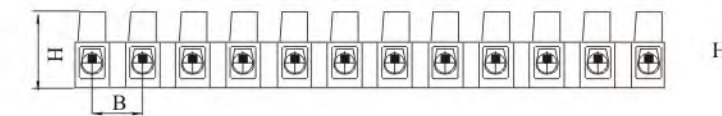
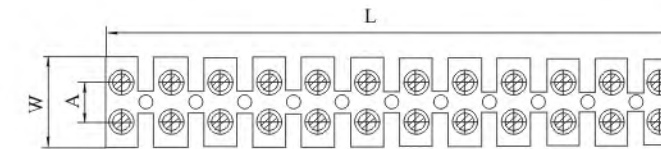
| Item No. | A(mm) | W(mm) |     | D (mm) | Suitable Wires  |       | Packing                |
|----------|-------|-------|-----|--------|-----------------|-------|------------------------|
|          |       | B     | C   |        | mm <sup>2</sup> | AWG   |                        |
| WJ-3     | 17.8  | 7.2   | 3.6 | 2.5    | 1.25            | 22-16 | 100PCS<br>&<br>1000PCS |
| WJ-4     | 21.0  | 8.2   | 4.0 | 2.9    | 2.0             | 16-14 |                        |
| WJ-5     | 22.5  | 9.0   | 4.8 | 3.9    | 5.5             | 12-10 | 100PCS<br>&<br>500PCS  |
| WJ-6     | 25.0  | 10.0  | 5.6 | 4.5    | 8.0             | 8     |                        |
| WJ-7     | 24.2  | 11.0  | 6.5 | 5.4    | 10              | 8-6   | 100PCS                 |
| WJ-8     | 25.6  | 11.8  | 7.5 | 6.0    | 13              | 6     |                        |
| WJ-10    | 29.5  | 13.5  | 9.3 | 7.5    | 16              | 4     | 100PCS                 |



### Terminal Blocks

**Type:** H type, U type  
**Color:** White, Black, other color is also available.  
**Material:** Made of PA, PE or PP.

| Current | Cable Size<br>mm <sup>2</sup> | Pole No. | Volt. | L   | W    | H    | A    | B    | Packing |
|---------|-------------------------------|----------|-------|-----|------|------|------|------|---------|
| 3A      | 2.5                           | 12       | 400V  | 93  | 16   | 12   | 6    | 8    | 10PCS   |
| 6A      | 6                             | 12       | 400V  | 115 | 15.7 | 13   | 6.5  | 9.5  |         |
| 10A     | 10                            | 12       | 400V  | 126 | 20.2 | 15.5 | 8.4  | 10.5 |         |
| 15A     | 12                            | 12       | 400V  | 139 | 23   | 17.7 | 10.3 | 12   |         |
| 20A     | 14                            | 12       | 400V  | 155 | 25   | 19.2 | 11.5 | 13.5 |         |
| 30A     | 16                            | 12       | 400V  | 171 | 26   | 20.5 | 12   | 14.5 |         |
| 60A     | 25                            | 12       | 400V  | 192 | 30   | 26   | 13.5 | 16.5 |         |
| 80A     | 30                            | 12       | 400V  | 205 | 33   | 27   | 15   | 17   |         |
| 100A    | 35                            | 12       | 400V  | 250 | 46   | 31   | 22   | 21   |         |
| 150A    | 40                            | 12       | 400V  | 270 | 46   | 38   | 22   | 23   |         |



U-type



H-type

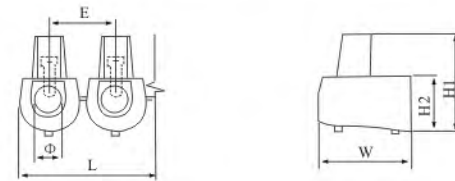




### Terminal Blocks

**Material:** PC, Brass, Screw is iron plated zinc.  
**Voltage:** 250-450V  
**Color:** Natural color as standard.

| Item No. | Cable Size         | L    | W    | H1   | H2   | Φ   | E  | Screw Size |
|----------|--------------------|------|------|------|------|-----|----|------------|
| TTB-00   | 2.5mm <sup>2</sup> | 49   | 17.5 | 16.5 | 10   | 4.1 | 10 | M3.5       |
| TTB-01   | 4mm <sup>2</sup>   | 58.5 | 20   | 20   | 10.5 | 4.1 | 12 | M3.5       |
| TTB-02   | 6mm <sup>2</sup>   | 67.5 | 22.5 | 23.5 | 12.7 | 6.2 | 14 | M5         |
| TTB-03   | 10mm <sup>2</sup>  | 82   | 27   | 27   | 15.5 | 7.6 | 17 | M6         |
| TTB-04   | 16mm <sup>2</sup>  | 110  | 31   | 31.1 | 18   | 9.5 | 22 | M8         |



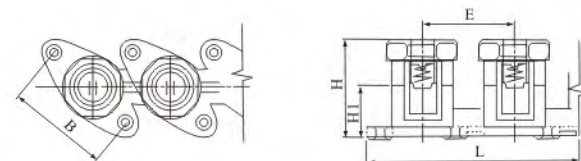
TTC 8 Poles

### Terminal Blocks

**Material:** PA, Brass, Screw is Brass.  
**Voltage:** 250-450V  
**Color:** Grey and blue color as standard.

| Item No. | Cable Size        | L   | W    | H1   | H2   | Φ      | E    | Screw Size |
|----------|-------------------|-----|------|------|------|--------|------|------------|
| TTC-01   | 16mm <sup>2</sup> | 173 | 26.4 | 24   | 11.5 | 8×5    | 21   | M8         |
| TTC-02   | 25mm <sup>2</sup> | 206 | 31   | 27.5 | 12.7 | 9×6    | 25   | M9         |
| TTC-03   | 35mm <sup>2</sup> | 250 | 41.5 | 33   | 16.8 | 12×8   | 30   | M12        |
| TTC-04   | 50mm <sup>2</sup> | 260 | 41.5 | 35.5 | 17.2 | 14×8.5 | 31.5 | M14        |
| TTC-05   | 70mm <sup>2</sup> | 272 | 42   | 38   | 21   | 16×9   | 33   | M14        |

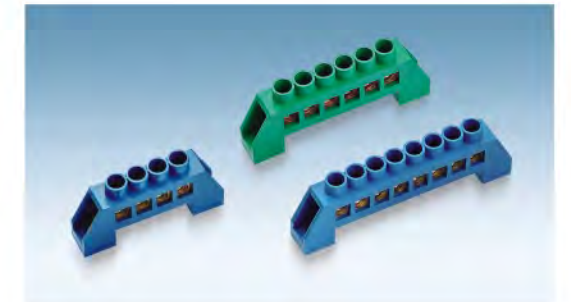
| Item No. | Cable Size        | L     | W    | H1   | H2   | Φ     | E    | Screw Size |
|----------|-------------------|-------|------|------|------|-------|------|------------|
| TTC-1-01 | 6mm <sup>2</sup>  | 162   | 20.3 | 21   | 10.4 | 6×3   | 15.5 | M5         |
| TTC-1-02 | 10mm <sup>2</sup> | 198.5 | 22   | 23.7 | 11.7 | 8.5×4 | 19.5 | M8         |
| TTC-1-03 | 16mm <sup>2</sup> | 211   | 23.5 | 26   | 13.4 | 10×5  | 20.5 | M9         |
| TTC-1-04 | 25mm <sup>2</sup> | 222   | 25   | 29.2 | 14.2 | 11×7  | 21.3 | M10        |
| TTC-1-05 | 35mm <sup>2</sup> | 260   | 28.5 | 33.5 | 18   | 14×8  | 25   | M12        |



TTC-1 10 Poles

### Brass Bar Terminals

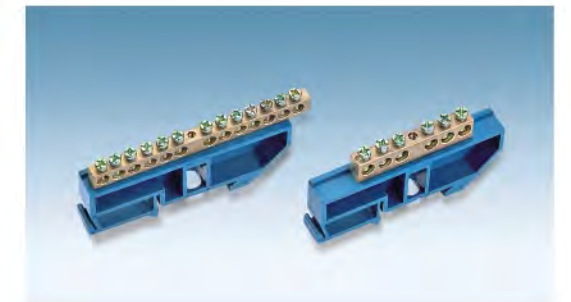
| Item No. | Size(mm) W×H | Color      | Poles |
|----------|--------------|------------|-------|
| CT001    | 6×9<br>8×12  | Blue/Green | 4     |
|          |              |            | 6     |
|          |              |            | 8     |
|          |              |            | 10    |
|          |              |            | 12    |



| Item No. | Size(mm) W×H | Color      | Poles |
|----------|--------------|------------|-------|
| CT009    | 6×9          | Blue/Green | 7     |
|          |              |            | 8     |
|          |              |            | 10    |
|          |              |            | 12    |
|          |              |            | 13    |
| 15       |              |            |       |



| Item No. | Size(mm) W×H | Color      | Poles |
|----------|--------------|------------|-------|
| CT010    | 8×12         | Blue/Green | 4     |
|          |              |            | 6     |
|          |              |            | 8     |
|          |              |            | 10    |
|          |              |            | 12    |
|          |              |            | 14    |

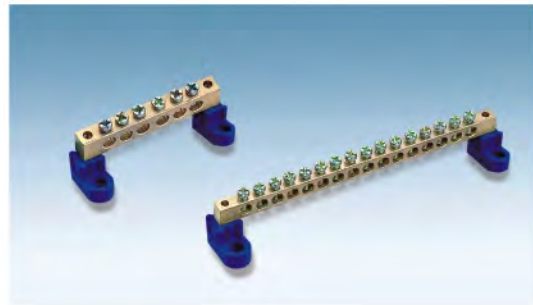


| Item No. | Size(mm) W×H | Color      | Poles |
|----------|--------------|------------|-------|
| CT019    | 6×9<br>8×12  | Blue/Green | 4     |
|          |              |            | 6     |
|          |              |            | 8     |
|          |              |            | 10    |
|          |              |            | 12    |
|          |              |            | 14    |
| 16       |              |            |       |



| Item No. | Size(mm) W×H | Color             | Poles |
|----------|--------------|-------------------|-------|
| CT004    | 6×9<br>8×12  | Blue/Green/Yellow | 4     |
|          |              |                   | 6     |
|          |              |                   | 8     |
|          |              |                   | 10    |
|          |              |                   | 12    |
|          |              |                   | 14    |
| 16       |              |                   |       |





**Brass Bar Terminals**

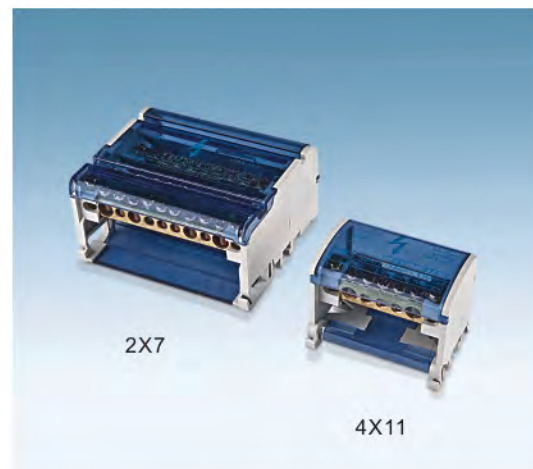
| Item No. | Size(mm)<br>W×H | Color      | Poles |
|----------|-----------------|------------|-------|
| CT007    | 6×9             | Blue/Green | 4     |
|          |                 |            | 6     |
|          | 8               |            |       |
|          | 10              |            |       |
|          | 12              |            |       |
|          | 14              |            |       |
| 16       |                 |            |       |



| Item No. | Size(mm)<br>W×H | Color | Poles |
|----------|-----------------|-------|-------|
| CT026    | 3×15            | ---   | 5     |
|          |                 |       | 7     |
|          |                 |       | 10    |



| Item No. | Size(mm)<br>W×H | Color | Poles |
|----------|-----------------|-------|-------|
| CT027    | 3×15            | ---   | 5     |
|          |                 |       | 7     |
|          |                 |       | 10    |



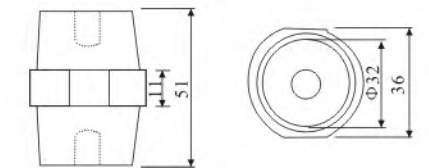
**TTD Terminal Blocks**

| Item No. | Rated Current | No. of Connections | No. of Pole | Color   |
|----------|---------------|--------------------|-------------|---------|
| TTD-01   | 100A          | 7                  | 2P          | Natural |
| TTD-02   | 125A          | 11                 | 2P          |         |
| TTD-03   | 125A          | 15                 | 2P          | Blue    |
| TTD-04   | 100A          | 7                  | 4P          |         |
| TTD-05   | 125A          | 11                 | 4P          |         |
| TTD-06   | 125A          | 15                 | 4P          |         |

**Bus Bar Insulators**



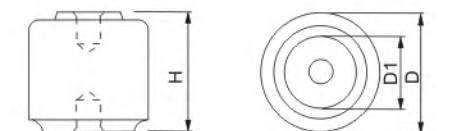
| Item No. | Size(mm) |    |    |    | Tensile Strength (lbs) | Torque Strength (ft lbs) | Voltage Withstand (kv) | Screw Thread (mm) | Thread Depth (mm) |
|----------|----------|----|----|----|------------------------|--------------------------|------------------------|-------------------|-------------------|
|          | D        | D1 | H  | H1 |                        |                          |                        |                   |                   |
| SM-25    | 30       | 26 | 25 | 10 | 500                    | 6                        | 6                      | 6                 | 9                 |
| SM-30    | 32       | 27 | 30 | 10 | 550                    | 8                        | 8                      | 8                 | 11                |
| SM-35    | 32       | 28 | 35 | 10 | 600                    | 10                       | 10                     | 8                 | 11                |
| SM-40    | 40       | 35 | 40 | 10 | 650                    | 12                       | 12                     | 8                 | 11                |
| SM-51    | 36       | 32 | 51 | 11 | 1000                   | 20                       | 15                     | 8                 | 14                |
| SM-60    | -        | -  | 60 | -  | 1200                   | 35                       | 20                     | 10                | 15                |
| SM-76    | 48       | 43 | 76 | 15 | 1500                   | 40                       | 25                     | 10                | 20                |



**Bus Bar Insulators**



| Item No. | Size(mm) |      |    |    | Tensile Strength (lbs) | Torque Strength (lbs) | Voltage Withstand (kv) | Screw Thread (mm) | Thread Depth (mm) |
|----------|----------|------|----|----|------------------------|-----------------------|------------------------|-------------------|-------------------|
|          | D        | D1   | H  | H1 |                        |                       |                        |                   |                   |
| SE-30×30 | 30       | 18   | 30 |    | 500                    | 8                     | 5                      | 6                 | 10                |
| SE-30×40 | 40       | 18   | 30 |    | 500                    | 10                    | 6                      | 6                 | 12                |
| SE-40×40 | 40       | 26   | 40 |    | 650                    | 12                    | 10                     | 8                 | 13                |
| SE-40×60 | 60       | 26   | 40 |    | 650                    | 40                    | 15                     | 10                | 15                |
| SE-50×40 | 40       | 31.5 | 50 |    | 1000                   | 50                    | 10                     | 10                | 13                |

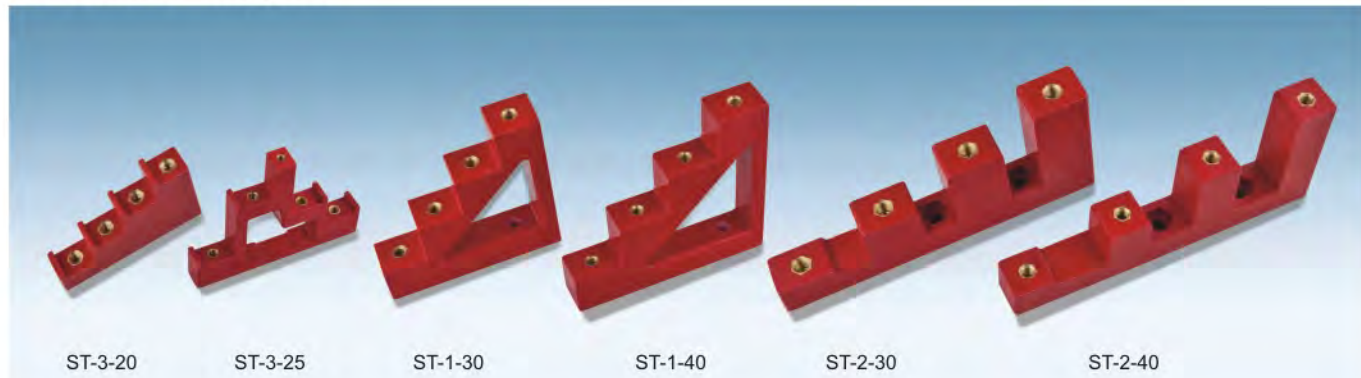


**EL Busbar Support**



| Item No. | Length(mm) | Height(mm) | Width(mm) |
|----------|------------|------------|-----------|
| EL-60    | 60         | 25         | 25        |
| EL-105   | 105        | 55         | 60        |
| EL-130   | 130        | 35         | 35        |
| EL-155   | 155        | 55         | 60        |
| EL-170   | 170        | 28         | 34        |
| EL-180   | 180        | 28         | 34        |
| EL-210   | 210        | 28         | 34        |
| EL-270   | 270        | 35         | 35        |
| EL-295   | 295        | 35         | 35        |
| EL-409   | 409        | 35         | 35        |
| EL-500   | 500        | 40         | 36        |
| EL-600   | 600        | 40         | 35        |
| EL-800   | 800        | 45         | 40        |

**ST Busbar Support**



| Item No. | Max.Working Current(A) | Voltage with stand(kv) |
|----------|------------------------|------------------------|
| ST-1-30  | 450                    | 9                      |
| ST-1-40  | 600                    | 12                     |
| ST-2-30  | 700                    | 15                     |
| ST-2-40  | 900                    | 18                     |
| ST-3-20  | 300                    | 6                      |
| ST-3-25  | -                      | -                      |

**Push-wire Connector.**

Feature: simply strip the wire and push in transparent housing for visual inspection. Built-in test port.



| Type              | PWC2102                | Type              | PWC2104                | Type              | PWC2106                | Type              | PWC2108                |
|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
| Rated             | 400V 24A               | Rated             | 400V 24A               | Rated             | 400V 24A               | Rated             | 400V 24A               |
| Cross section     | 1.5~2.5mm <sup>2</sup> | Cross section     | 1.5~2.5mm <sup>2</sup> | Cross section     | 1.5~2.5mm <sup>2</sup> | Cross section     | 1.5~2.5mm <sup>2</sup> |
| Wire strip length | 12~13mm                | Wire strip length | 12~13mm                | Wire strip length | 12~13mm                | Wire strip length | 12~13mm                |
| Poles             | 2P                     | Poles             | 4P                     | Poles             | 6P                     | Poles             | 8P                     |



| Type              | PWC2173              | Type              | PWC2202                | Type              | PWC2203                | Type              | PWC2204                |
|-------------------|----------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
| Rated             | 400V 41A             | Rated             | 400V 24A               | Rated             | 400V 24A               | Rated             | 400V 24A               |
| Cross section     | 2.5~6mm <sup>2</sup> | Cross section     | 1.5~2.5mm <sup>2</sup> | Cross section     | 1.5~2.5mm <sup>2</sup> | Cross section     | 1.5~2.5mm <sup>2</sup> |
| Wire strip length | 12~13mm              | Wire strip length | 12~13mm                | Wire strip length | 12~13mm                | Wire strip length | 12~13mm                |
| Poles             | 3P                   | Poles             | 2P                     | Poles             | 3P                     | Poles             | 4P                     |



| Type              | PWC2205                | Type              | PWC2174                | Type              | PWC1101                |
|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
| Rated             | 400V 24A               | Rated             | 400V 24A               | Rated             | 400V 24A               |
| Cross section     | 1.5~2.5mm <sup>2</sup> | Cross section     | 1.5~2.5mm <sup>2</sup> | Cross section     | 0.5~2.5mm <sup>2</sup> |
| Wire strip length | 12~13mm                | Wire strip length | 12~13mm                | Wire strip length | 20~16AWG               |
| Poles             | 5P                     | Poles             | 4P                     | Poles             | 9~11mm                 |



| Type              | PWC3402               | Type              | PWC3403               | Type              | PWC3405               |
|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|
| Rated             | 400V 32A              | Rated             | 400V 32A              | Rated             | 400V 32A              |
| Cross section     | 0.08~4mm <sup>2</sup> | Cross section     | 0.08~4mm <sup>2</sup> | Cross section     | 0.08~4mm <sup>2</sup> |
| Wire strip length | 28~12AWG              | Wire strip length | 28~12AWG              | Wire strip length | 28~12AWG              |
| Poles             | 9~10mm                | Poles             | 9~10mm                | Poles             | 9~10mm                |



**Push-wire Connector.**

Feature: simply strip the wire and push in transparent housing for visual inspection. Built-in test port.



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC422                   |
| Description       | 2 in 4 out               |
| Rated             | 400V 32A                 |
| Cross section     | 0.08-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC623                   |
| Description       | 2 in 6 out               |
| Rated             | 400V 32A                 |
| Cross section     | 0.08-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC633                   |
| Description       | 3 in 6 out               |
| Rated             | 400V 32A                 |
| Cross section     | 0.08-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC933                   |
| Description       | 3 in 9 out               |
| Rated             | 400V 32A                 |
| Cross section     | 0.08-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC211-415               |
| Description       | 5 pole                   |
| Rated             | 400V 32A                 |
| Cross section     | 0.12-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC211-413               |
| Description       | 3 pole                   |
| Rated             | 400V 32A                 |
| Cross section     | 0.12-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC211-415               |
| Description       | 5 pole                   |
| Rated             | 400V 32A                 |
| Cross section     | 0.12-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |



|                   |                         |
|-------------------|-------------------------|
| Type              | PWC202                  |
| Description       | 2 in 4 out              |
| Rated             | 250V 5A                 |
| Cross section     | 0.5-2.5 mm <sup>2</sup> |
| Wire strip length | 12mm                    |



|                   |                         |
|-------------------|-------------------------|
| Type              | PWC303                  |
| Description       | 3 in 3 out              |
| Rated             | 250V 5A                 |
| Cross section     | 0.5-2.5 mm <sup>2</sup> |
| Wire strip length | 12mm                    |



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC3422                  |
| Description       | 2 in 2 out               |
| Rated             | 400V 32A                 |
| Cross section     | 0.08-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |



|                   |                          |
|-------------------|--------------------------|
| Type              | PWC3433                  |
| Description       | 3 in 3 out               |
| Rated             | 400V 32A                 |
| Cross section     | 0.08-4.0 mm <sup>2</sup> |
| Wire strip length | 12mm                     |

**TB Terminal Blocks**



|                                    |
|------------------------------------|
| TB-1503                            |
| Wire range: 0.5-1.5mm <sup>2</sup> |
| Rated current/Voltage: 15A/600V    |



|                                    |
|------------------------------------|
| TB-1504                            |
| Wire range: 0.5-1.5mm <sup>2</sup> |
| Rated current/Voltage: 15A/600V    |



|                                    |
|------------------------------------|
| TB-1505                            |
| Wire range: 0.5-1.5mm <sup>2</sup> |
| Rated current/Voltage: 15A/600V    |



|                                    |
|------------------------------------|
| TB-1506                            |
| Wire range: 0.5-1.5mm <sup>2</sup> |
| Rated current/Voltage: 15A/600V    |



|                                    |
|------------------------------------|
| TB-1510                            |
| Wire range: 0.5-1.5mm <sup>2</sup> |
| Rated current/Voltage: 15A/600V    |



|                                    |
|------------------------------------|
| TB-1512                            |
| Wire range: 0.5-1.5mm <sup>2</sup> |
| Rated current/Voltage: 15A/600V    |



|                                    |
|------------------------------------|
| TB-2503                            |
| Wire range: 0.5-2.5mm <sup>2</sup> |
| Rated current/Voltage: 25A/600V    |



|                                    |
|------------------------------------|
| TB-2504                            |
| Wire range: 0.5-2.5mm <sup>2</sup> |
| Rated current/Voltage: 25A/600V    |



|                                    |
|------------------------------------|
| TB-2505                            |
| Wire range: 0.5-2.5mm <sup>2</sup> |
| Rated current/Voltage: 25A/600V    |



|                                    |
|------------------------------------|
| TB-2506                            |
| Wire range: 0.5-2.5mm <sup>2</sup> |
| Rated current/Voltage: 25A/600V    |



|                                    |
|------------------------------------|
| TB-2510                            |
| Wire range: 0.5-2.5mm <sup>2</sup> |
| Rated current/Voltage: 25A/600V    |



|                                    |
|------------------------------------|
| TB-2512                            |
| Wire range: 0.5-2.5mm <sup>2</sup> |
| Rated current/Voltage: 25A/600V    |



|                                  |
|----------------------------------|
| TB-4503                          |
| Wire range: 0.5-4mm <sup>2</sup> |
| Rated current/Voltage: 45A/600V  |



|                                  |
|----------------------------------|
| TB-4504                          |
| Wire range: 0.5-4mm <sup>2</sup> |
| Rated current/Voltage: 45A/600V  |



|                                  |
|----------------------------------|
| TB-4505                          |
| Wire range: 0.5-4mm <sup>2</sup> |
| Rated current/Voltage: 45A/600V  |



|                                  |
|----------------------------------|
| TB-4506                          |
| Wire range: 0.5-4mm <sup>2</sup> |
| Rated current/Voltage: 45A/600V  |



|                                  |
|----------------------------------|
| TB-4512                          |
| Wire range: 0.5-4mm <sup>2</sup> |
| Rated current/Voltage: 45A/600V  |



|                                   |
|-----------------------------------|
| TB6003                            |
| Wire range: 0.5-10mm <sup>2</sup> |
| Rated current/Voltage: 60A/600V   |





|                                   |
|-----------------------------------|
| TB6004                            |
| Wire range: 0.5-10mm <sup>2</sup> |
| Rated current/Voltage: 60A/600V   |



|                                   |
|-----------------------------------|
| Tb10003                           |
| Wire range: 0.5-25mm <sup>2</sup> |
| Rated current/Voltage: 100A/600V  |

**TC Terminal Blocks**

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |    |
| TC-602<br>Wire range: 14mm <sup>2</sup><br>Rated current/Voltage: 60A/600V          | TC-603<br>Wire range: 14mm <sup>2</sup><br>Rated current/Voltage: 60A/600V          | TC-604<br>Wire range: 14mm <sup>2</sup><br>Rated current/Voltage: 60A/600V           | TC-1002<br>Wire range: 22mm <sup>2</sup><br>Rated current/Voltage: 100A/600V          |
|    |    |    |    |
| TC-1003<br>Wire range: 22mm <sup>2</sup><br>Rated current/Voltage: 100A/600V        | TC-1004<br>Wire range: 22mm <sup>2</sup><br>Rated current/Voltage: 100A/600V        | TC-1503<br>Wire range: 60mm <sup>2</sup><br>Rated current/Voltage: 150A/600V         | TC-1504<br>Wire range: 60mm <sup>2</sup><br>Rated current/Voltage: 150A/600V          |
|   |   |   |   |
| TC-2003<br>Wire range: 100mm <sup>2</sup><br>Rated current/Voltage: 200A/600V       | TC-2004<br>Wire range: 100mm <sup>2</sup><br>Rated current/Voltage: 200A/600V       | TC-3003<br>Wire range: 150mm <sup>2</sup><br>Rated current/Voltage: 300A/600V        | TC-3004<br>Wire range: 150mm <sup>2</sup><br>Rated current/Voltage: 300A/600V         |
|  |  |  |  |
| TC-4003<br>Wire range: 200mm <sup>2</sup><br>Rated current/Voltage: 400A/600V       | TC-4004<br>Wire range: 200mm <sup>2</sup><br>Rated current/Voltage: 400A/600V       | TC-5003<br>Wire range: 250mm <sup>2</sup><br>Rated current/Voltage: 500A/600V        | TC-5004<br>Wire range: 250mm <sup>2</sup><br>Rated current/Voltage: 500A/600V         |
|  |  |                                                                                      |                                                                                       |
| TC-6003<br>Wire range: 300mm <sup>2</sup><br>Rated current/Voltage: 600A/600V       | TC-6004<br>Wire range: 300mm <sup>2</sup><br>Rated current/Voltage: 600A/600V       |                                                                                      |                                                                                       |

**IN Terminal Blocks**

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| IN 12BK<br>Wire range: 0.5-2.5mm <sup>2</sup><br>Rated current/Voltage: 20A/600V    | IN 13SBK<br>Wire range: 0.5-2.5mm <sup>2</sup><br>Rated current/Voltage: 20A/600V   | IN 20BK<br>Wire range: 0.5-4mm <sup>2</sup><br>Rated current/Voltage: 30A/600V      | IN 30BK<br>Wire range: 0.5-6mm <sup>2</sup><br>Rated current/Voltage: 50A/600V      |
|  |  |  |  |
| IN 411S<br>Wire range: 1.5-14mm <sup>2</sup><br>Rated current/Voltage: 60A/600V     | IN 60BK<br>Wire range: 1.5-16mm <sup>2</sup><br>Rated current/Voltage: 90A/600V     | IN 100K<br>Wire range: 4-35mm <sup>2</sup><br>Rated current/Voltage: 130A/600V      | IN 200K<br>Wire range: 6-100mm <sup>2</sup><br>Rated current/Voltage: 240A/600V     |

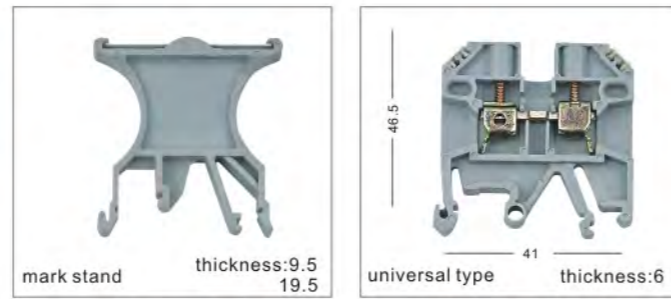
**Porcelain Terminal Blocks**



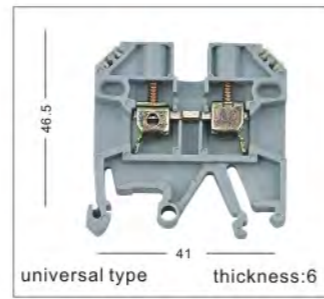
Housing: Porcelain,  
 Inserts: nickel plated brass  
 Screw: Galvanised steel  
 Temperature: 800°C (Housing), 350°C (Inserts)  
 Feature: Non-inflammable, Resistant to chemicals.

| Item No.   | Wiring Range      | Current | Rated Voltage |
|------------|-------------------|---------|---------------|
| PTB-5A-1P  | 4mm <sup>2</sup>  | 5A      | 450V          |
| PTB-5A-2P  | 4mm <sup>2</sup>  | 5A      | 450V          |
| PTB-15A-2P | 10mm <sup>2</sup> | 15A     | 450V          |
| PTB-15A-3P | 10mm <sup>2</sup> | 15A     | 450V          |
| PTB-30A-1P | 16mm <sup>2</sup> | 30A     | 450V          |
| PTB-30A-2P | 16mm <sup>2</sup> | 30A     | 450V          |
| PTB-30A-3P | 16mm <sup>2</sup> | 30A     | 450V          |

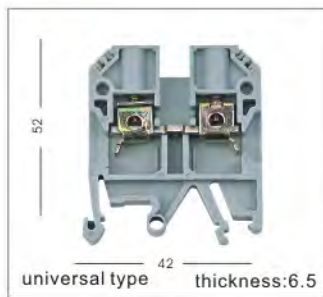
**JXB Terminal Blocks**



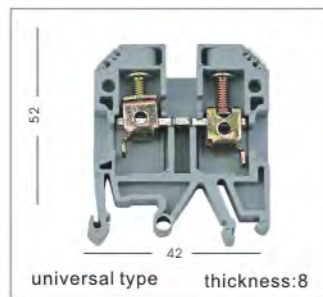
**JXB-B**



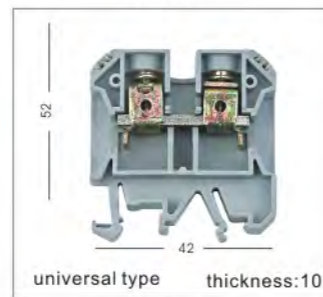
**JXB2.5/35**



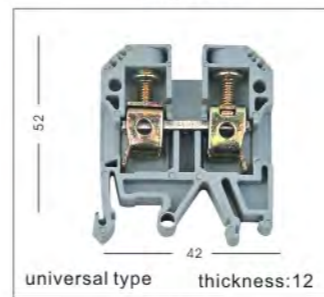
**JXB 4/35**



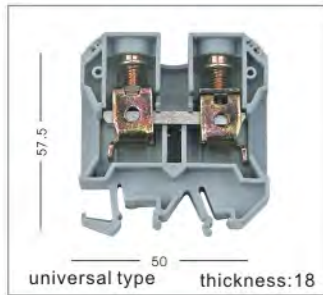
**JXB 6/35**



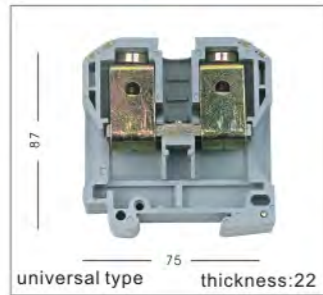
**JXB 10/35**



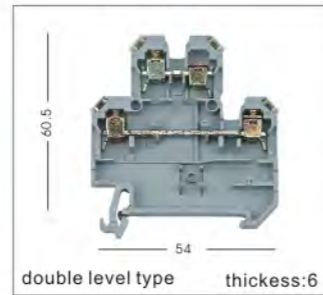
**JXB 16/35**



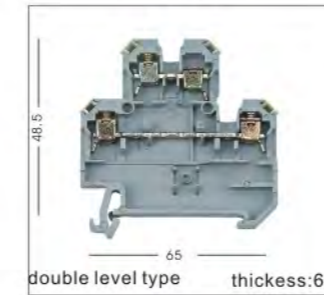
**JXB 35/35**



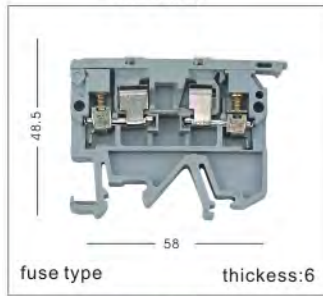
**JXB 70/35**



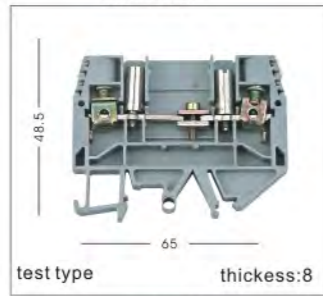
**JXB 4/35S1**



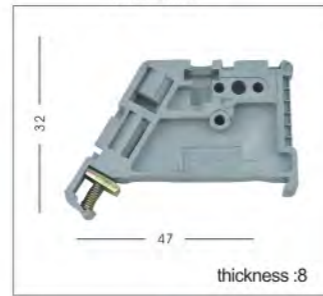
**JXB 4/35SZ1**



**JXB RD**



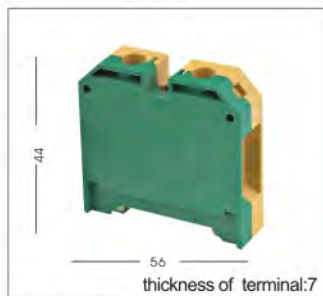
**JXB W16/1**



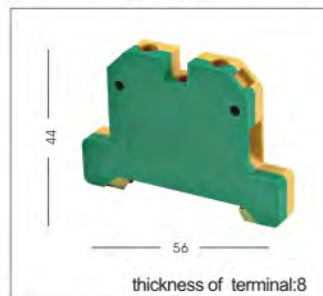
**EW/35**



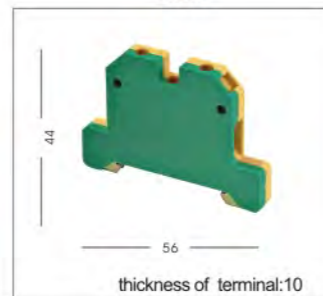
**EK2.5/35**



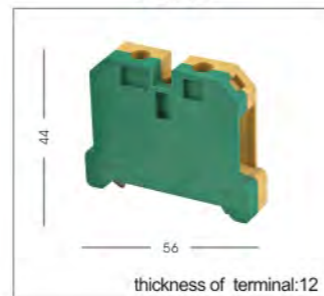
**EK4/35**



**EK6/35**

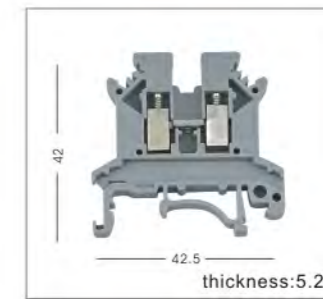


**EK10/35**



**EK16/35**

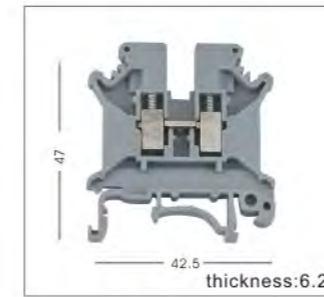
**UK Terminal Blocks**



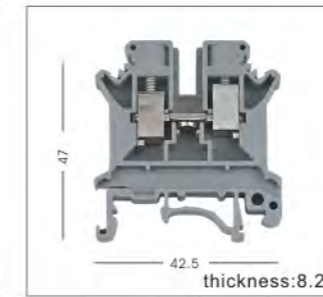
**UK 2.5B**



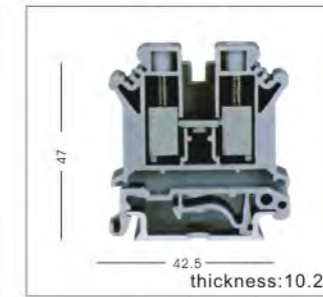
**UK 3N**



**UK 5N**



**UK 6N**



**UK 10N**



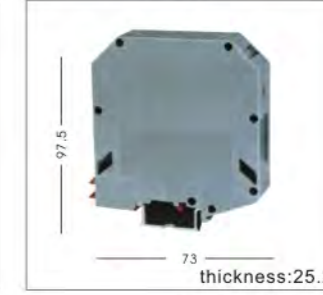
**UK 16**



**UK 35**



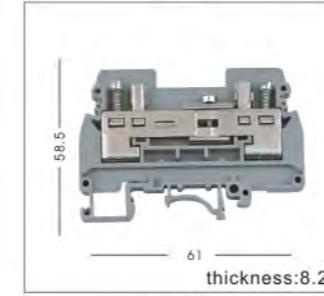
**UKH 50**



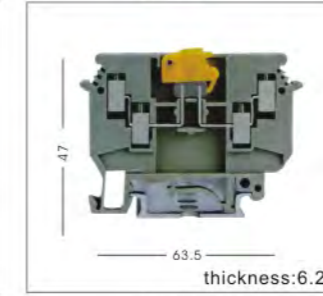
**UKH95**



**UKH150**



**URTK/S**



**UDK4-P/P**



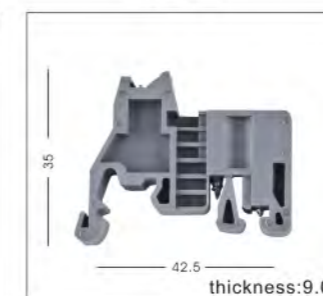
**MTK-P/P**



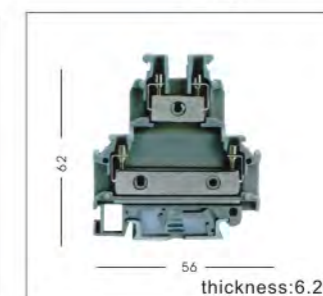
**UK5-TWZN**



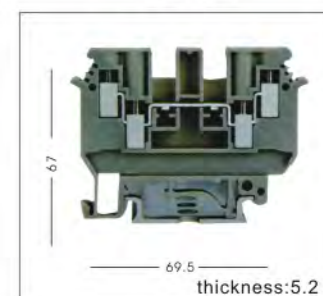
**UK5-RETURN**



**EUK**

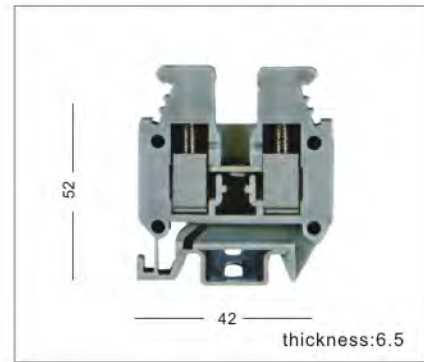


**UKK5**

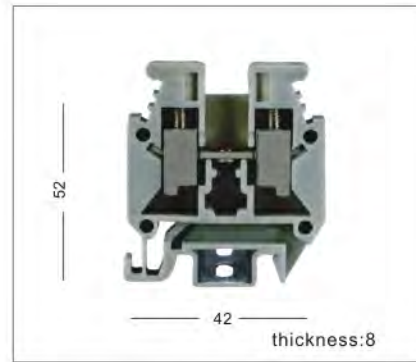


**UKKB3**

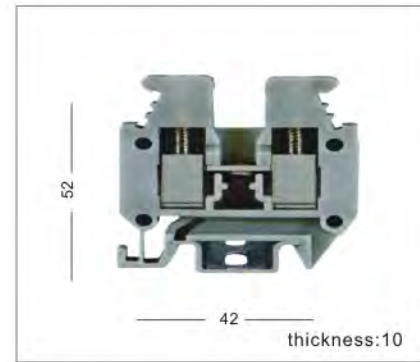
**UK Terminal Blocks**



**MBK 3/E-Z**

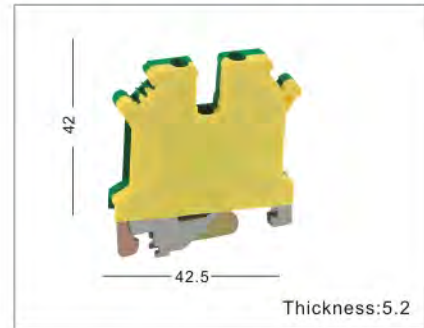


**MBK 5/E-Z**

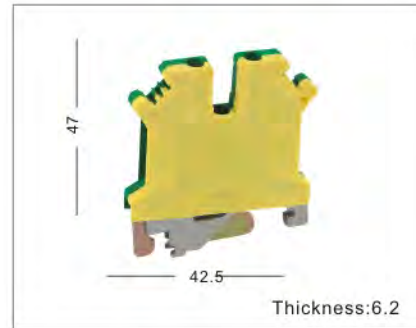


**MBKKB 2-5**

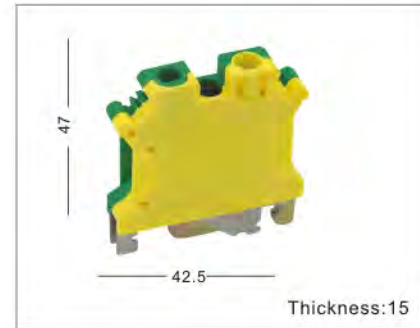
**UKSLG Terminal Blocks**



**USLKG 3**



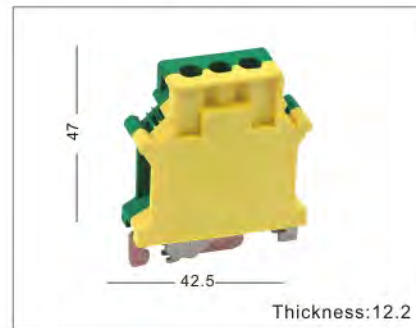
**USLKG 5**



**USLKG 6**



**USLKG 16**



**USLKG 16N**



**USLKG 35**



**UK5-HESI**

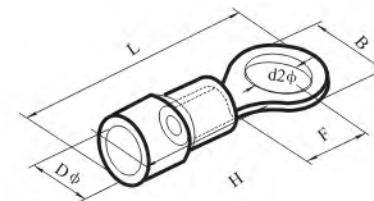


**UK10-DREHSI**

**Fuse Terminal**

For breaking revolving-arm type fuse terminal, revolving-arm can up-open and put into melting core, indicate with light, can connect revolving arm and break three-phase current circuit.

Used in 5X20/25/30mm fuse tube  
 With indication AC/DC, 15-24V  
 Current consumption AC3.5-7.5mA  
 With indication AC/DC, 110-250V  
 Current consumption AC1.5-3.5mA, DC0.2-0.8mA



**Insulated Ring Terminals**



0.5-1.5mm<sup>2</sup>(22-16) I<sub>max</sub>=19A

| Item No.    | USA Screw | Dimension (mm) |      |      |      |      |     | Color |
|-------------|-----------|----------------|------|------|------|------|-----|-------|
|             |           | d2             | B    | L    | F    | H    | D φ |       |
| RV1.25-3    | #4        | 3.2            | 5.7  | 17.8 | 4.95 | 10.0 | 4.3 | Red   |
| RVS1.25-3.5 | #6        | 3.7            | 5.7  | 17.8 | 4.95 |      |     |       |
| RVM1.25-3.5 | #6        | 3.7            | 6.6  | 20.1 | 6.3  |      |     |       |
| RVL1.25-3.5 | #6        | 3.7            | 8.0  | 21.5 | 7.0  |      |     |       |
| RVS1.25-4   | #8        | 4.3            | 6.6  | 20.1 | 6.3  |      |     |       |
| RVL1.25-4   | #8        | 4.3            | 8.0  | 21.5 | 7.0  |      |     |       |
| RV1.25-5    | #10       | 5.3            | 8.0  | 21.5 | 7.0  |      |     |       |
| RVL1.25-5   | #10       | 5.3            | 9.8  | 23.0 | 8.5  |      |     |       |
| RV1.25-6    | 1/4       | 6.5            | 11.6 | 27.5 | 11.1 |      |     |       |
| RVS1.25-6   | 1/4       | 6.5            | 9.8  | 23.0 | 8.5  |      |     |       |
| RV1.25-8    | 5/16      | 8.4            | 11.6 | 27.5 | 11.1 |      |     |       |
| RV1.25-10   | 3/8       | 10.5           | 13.6 | 31.6 | 13.9 |      |     |       |
| RV 1.25-12  | 1/2       | 13.0           | 19.2 | 36.0 | 16.0 |      |     |       |

1.5-2.5mm<sup>2</sup>(16-14) I<sub>max</sub>=27A

| Item No. | USA Screw | Dimension (mm) |      |      |      |      |     | Color |
|----------|-----------|----------------|------|------|------|------|-----|-------|
|          |           | d2             | B    | L    | F    | H    | D φ |       |
| RV2-3    | #4        | 3.2            | 6.6  | 17.8 | 4.3  | 10.0 | 4.9 | Blue  |
| RVS2-3.5 | #6        | 3.7            | 6.6  | 17.8 | 4.3  |      |     |       |
| RVM2-3.5 | #6        | 3.7            | 6.6  | 21.0 | 7.0  |      |     |       |
| RVL2-3.5 | #6        | 3.7            | 8.5  | 22.5 | 7.75 |      |     |       |
| RVS2-4   | #8        | 4.3            | 6.6  | 21.0 | 7.0  |      |     |       |
| RVL2-4   | #8        | 4.3            | 8.5  | 22.5 | 7.75 |      |     |       |
| RVS2-5   | #10       | 5.3            | 8.5  | 22.5 | 7.75 |      |     |       |
| RVL2-5   | #10       | 5.3            | 9.5  | 22.5 | 7.25 |      |     |       |
| RV2-6    | 1/4       | 6.5            | 12.0 | 27.6 | 11.0 |      |     |       |
| RV2-8    | 5/16      | 8.4            | 12.0 | 27.6 | 11.0 |      |     |       |
| RV2-10   | 3/8       | 10.5           | 13.6 | 30.2 | 13.9 |      |     |       |
| RV2-12   | 1/2       | 13.0           | 19.2 | 36.5 | 16.5 |      |     |       |



2.5-4mm<sup>2</sup>(14-12) I<sub>max</sub>=37A

| Item No. | USA Screw | Dimension (mm) |      |      |     |      |     | Color |
|----------|-----------|----------------|------|------|-----|------|-----|-------|
|          |           | d2             | B    | L    | F   | H    | D φ |       |
| RV3.5-4  | #8        | 4.3            | 8.0  | 24.5 | 7.7 | 12.5 | 6.2 | Black |
| RVS3.5-5 | #10       | 5.3            | 8.0  | 24.5 | 7.7 |      |     |       |
| RVL3.5-5 | #10       | 5.3            | 12.0 | 27.9 | 7.7 |      |     |       |
| RV3.5-6  | 1/4       | 6.5            | 12.0 | 27.9 | 7.7 |      |     |       |

4-6mm<sup>2</sup>(12-10) I<sub>max</sub>=48A

| Item No.  | USA Screw | Dimension (mm) |      |      |      |      |     | Color  |
|-----------|-----------|----------------|------|------|------|------|-----|--------|
|           |           | d2             | B    | L    | F    | H    | D φ |        |
| RV5.5-3.5 | #6        | 3.7            | 7.2  | 21.4 | 5.9  | 12.5 | 6.7 | Yellow |
| RVS5.5-4  | #8        | 4.3            | 7.2  | 21.5 | 5.9  |      |     |        |
| RVL5.5-4  | #8        | 4.3            | 9.5  | 25.5 | 8.3  |      |     |        |
| RV5.5-5   | #10       | 5.3            | 9.5  | 25.5 | 8.3  |      |     |        |
| RV5.5-6   | 1/4       | 6.5            | 12.0 | 31.5 | 13.0 |      |     |        |
| RV5.5-8   | 5/16      | 8.4            | 15.0 | 33.7 | 13.7 |      |     |        |
| RV5.5-10  | 3/8       | 10.5           | 15.0 | 33.7 | 13.7 |      |     |        |
| RV5.5-12  | 1/2       | 13.0           | 19.2 | 38.1 | 16.0 |      |     |        |

### Insulated Spade Terminals

0.5-1.5mm<sup>2</sup>(22-16) I<sub>max</sub>=19A

| Item No.    | USA Screw | Dimension (mm) |      |      |      |      |     | Color |
|-------------|-----------|----------------|------|------|------|------|-----|-------|
|             |           | d2             | B    | L    | F    | H    | D φ |       |
| SV1.25-3    | #4        | 3.2            | 5.7  | 21.2 | 6.5  | 10.0 | 4.3 | Red   |
| SVS1.25-3.5 | #6        | 3.7            | 5.7  | 21.2 | 6.5  |      |     |       |
| SVL1.25-3.5 | #6        | 3.7            | 6.4  | 21.2 | 6.5  |      |     |       |
| SVS1.25-4   | #8        | 4.3            | 6.4  | 21.2 | 6.5  |      |     |       |
| SVM1.25-4   | #8        | 4.3            | 7.2  | 21.2 | 6.5  |      |     |       |
| SVL1.25-4   | #8        | 4.3            | 8.1  | 21.2 | 6.5  |      |     |       |
| SVS1.25-5   | #10       | 5.3            | 8.1  | 21.2 | 6.5  |      |     |       |
| SVL1.25-5   | #10       | 5.3            | 9.5  | 21.2 | 6.5  |      |     |       |
| SVS1.25-6   | 1/4       | 6.5            | 9.5  | 21.2 | 6.5  |      |     |       |
| SVL1.25-6   | 1/4       | 6.5            | 12.0 | 27.2 | 11.0 |      |     |       |



1.5-2.5mm<sup>2</sup>(16-14) I<sub>max</sub>=27A

| Item No. | USA Screw | Dimension (mm) |      |      |      |      |     | Color |
|----------|-----------|----------------|------|------|------|------|-----|-------|
|          |           | d2             | B    | L    | F    | H    | D φ |       |
| SV2-3    | #4        | 3.2            | 5.7  | 21.2 | 6.5  | 10.0 | 4.9 | Blue  |
| SVS2-3.5 | #6        | 3.7            | 5.7  | 21.2 | 6.5  |      |     |       |
| SVL2-3.5 | #6        | 3.7            | 6.0  | 21.2 | 6.5  |      |     |       |
| SVS2-4   | #8        | 4.3            | 6.4  | 21.2 | 6.5  |      |     |       |
| SVM2-4   | #8        | 4.3            | 7.2  | 21.2 | 6.5  |      |     |       |
| SVL2-4   | #8        | 4.3            | 8.1  | 21.2 | 6.5  |      |     |       |
| SVS2-5   | #10       | 5.3            | 8.1  | 21.2 | 6.5  |      |     |       |
| SVL2-5   | #10       | 5.3            | 9.5  | 21.2 | 6.5  |      |     |       |
| SVS2-6   | 1/4       | 6.5            | 9.5  | 21.2 | 6.5  |      |     |       |
| SVL2-6   | 1/4       | 6.5            | 12.0 | 27.2 | 11.0 |      |     |       |

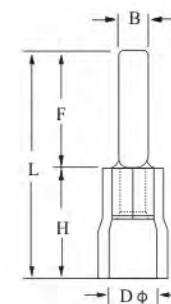
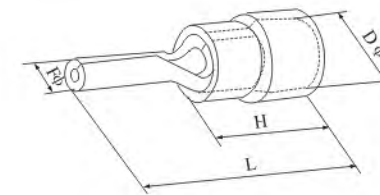
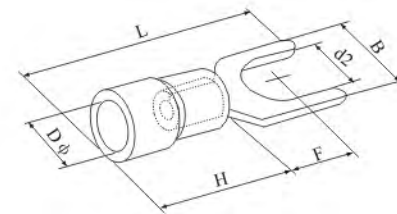


2.5-4mm<sup>2</sup>(14-12) I<sub>max</sub>=37A

| Item No. | USA Screw | Dimension (mm) |      |      |      |      |     | Color |
|----------|-----------|----------------|------|------|------|------|-----|-------|
|          |           | d2             | B    | L    | F    | H    | D φ |       |
| SV3.5-3  | #4        | 3.2            | 5.7  | 24.8 | 7.0  | 12.5 | 6.2 | Black |
| SV3.5-4  | #8        | 4.3            | 8.0  | 24.8 | 7.0  |      |     |       |
| SV3.5-5  | #10       | 5.3            | 8.0  | 24.8 | 7.0  |      |     |       |
| SV3.5-6  | 1/4       | 6.5            | 12.0 | 28.0 | 12.1 |      |     |       |

4-6mm<sup>2</sup>(12-10) I<sub>max</sub>=48A

| Item No.  | USA Screw | Dimension (mm) |      |      |      |      |     | Color  |
|-----------|-----------|----------------|------|------|------|------|-----|--------|
|           |           | d2             | B    | L    | F    | H    | D φ |        |
| SV5.5-3.5 | #6        | 3.7            | 8.3  | 25.2 | 7.5  | 12.5 | 6.7 | Yellow |
| SVS5.5-4  | #8        | 4.3            | 8.3  | 25.2 | 7.5  |      |     |        |
| SVL5.5-4  | #8        | 4.3            | 9.0  | 25.2 | 7.5  |      |     |        |
| SV5.5-5   | #10       | 5.3            | 9.0  | 25.2 | 7.5  |      |     |        |
| SVS5.5-6  | 1/4       | 6.5            | 9.0  | 25.2 | 7.5  |      |     |        |
| SVL5.5-6  | 1/4       | 6.5            | 12.0 | 31.2 | 12.0 |      |     |        |
| SV5.5-8   | 5/16      | 8.4            | 14.0 | 30.0 | 11.5 |      |     |        |



### Insulated Pin Terminals

0.5-1.5mm<sup>2</sup>(22-16) I<sub>max</sub>=19A

| Item No.   | Dimension (mm) |      |      |     | Color |
|------------|----------------|------|------|-----|-------|
|            | F φ            | L    | H    | D φ |       |
| PTV1.25-9  | 1.9            | 19.0 | 10.0 | 4.3 | Red   |
| PTV1.25-10 | 1.9            | 20.0 |      |     |       |
| PTV1.25-12 | 1.9            | 22.0 |      |     |       |
| PTV1.25-13 | 1.9            | 23.0 |      |     |       |
| PTV1.25-18 | 1.9            | 28.0 |      |     |       |

1.5-2.5mm<sup>2</sup>(16-14) I<sub>max</sub>=27A

| Item No. | Dimension (mm) |      |      |     | Color |
|----------|----------------|------|------|-----|-------|
|          | F φ            | L    | H    | D φ |       |
| PTV2-9   | 1.9            | 19.0 | 10.0 | 4.9 | Blue  |
| PTV2-10  | 1.9            | 20.0 |      |     |       |
| PTV2-12  | 1.9            | 22.0 |      |     |       |
| PTV2-13  | 1.9            | 23.0 |      |     |       |
| PTV2-18  | 1.9            | 28.0 |      |     |       |

4-6mm<sup>2</sup>(12-10) I<sub>max</sub>=48A

| Item No.  | Dimension (mm) |      |      |     | Color  |
|-----------|----------------|------|------|-----|--------|
|           | F φ            | L    | H    | D φ |        |
| PTV5.5-13 | 2.8            | 25.5 | 12.5 | 6.7 | Yellow |

### Insulated Blade Terminals

0.5-1.5mm<sup>2</sup>(22-16) I<sub>max</sub>=27A

| Item No.   | Dimension (mm) |      |      |      |     | Color |
|------------|----------------|------|------|------|-----|-------|
|            | B              | L    | F    | H    | D φ |       |
| DBV1.25-10 | 2.3            | 20.0 | 10.0 | 10.0 | 4.3 | Red   |
| DBV1.25-11 | 3.0            | 21.0 | 11.0 |      |     |       |
| DBV1.25-14 | 3.0            | 24.0 | 14.0 |      |     |       |
| DBV1.25-18 | 2.3            | 28.0 | 18.0 |      |     |       |

1.5-2.5mm<sup>2</sup>(16-14) I<sub>max</sub>=27A

| Item No. | Dimension (mm) |      |      |      |     | Color |
|----------|----------------|------|------|------|-----|-------|
|          | B              | L    | F    | H    | D φ |       |
| DBV 2-9  | 2.8            | 19.0 | 9.0  | 10.0 | 4.9 | Blue  |
| DBV 2-18 | 2.3            | 28.0 | 18.0 |      |     |       |

4-6mm<sup>2</sup>(12-10) I<sub>max</sub>=48A

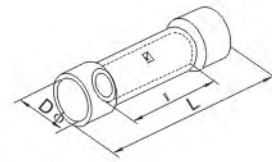
| Item No.   | Dimension (mm) |      |      |      |     | Color  |
|------------|----------------|------|------|------|-----|--------|
|            | B              | L    | F    | H    | D φ |        |
| BDV 5.5-10 | 2.8            | 22.5 | 10.0 | 13.0 | 5.6 | Yellow |

**Insulated Butt Connectors**

| Item No. | Cable Size |                 | Dimension(mm) |     |      |      | Color  |
|----------|------------|-----------------|---------------|-----|------|------|--------|
|          | A.W.G      | mm <sup>2</sup> | l             | D φ | L    | lmax |        |
| BV1.25   | 22~16      | 0.5~1.5         | 15.0          | 1.7 | 26.0 | 19A  | Red    |
| BV2      | 16~14      | 1.5~2.5         | 15.0          | 2.3 | 26.0 | 27A  | Blue   |
| BV5.5    | 12~10      | 4~6             | 15.0          | 3.4 | 26.0 | 48A  | Yellow |
| BV8      | #8         | 6~10            | 21.0          | 4.5 | 32.0 | 62A  | Red    |
| BV14     | #6         | 10~16           | 26.0          | 5.8 | 42.0 | 88A  | Blue   |
| BV22     | #4         | 16~25           | 29.0          | 7.7 | 50.0 | 115A | Yellow |
| BV38     | #2         | 35~50           | 32.0          | 9.4 | 55.0 | 160A | Red    |



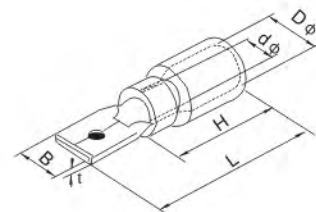
| Item No. | Cable Size |                 | Dimension(mm) |     |      |      | Color  |
|----------|------------|-----------------|---------------|-----|------|------|--------|
|          | A.W.G      | mm <sup>2</sup> | l             | D φ | L    | lmax |        |
| PVT1.25  | 22~16      | 0.5~1.5         | 8.0           | 1.7 | 16.0 | 19A  | Red    |
| PVT2     | 16~14      | 1.5~2.5         | 8.0           | 2.3 | 16.0 | 27A  | Blue   |
| PVT5.5   | 12~10      | 4~6             | 8.5           | 3.4 | 20.5 | 48A  | Yellow |



**Insulated Male Disconnectors**

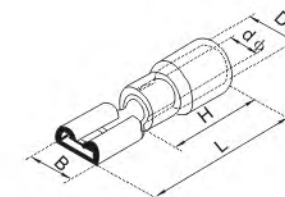
0.5~1.5mm<sup>2</sup>(22~16) I<sub>max</sub>=10A

| Item No.        | Mema Tab (mm) | Thickness of Material (mm) | Dimension(mm) |     |     |      | Color     |
|-----------------|---------------|----------------------------|---------------|-----|-----|------|-----------|
|                 |               |                            | B             | d φ | D φ | L    |           |
| MDD 1.25-110(5) | 0.5×2.8       | 0.5                        | 2.8           | 1.7 | 4.3 | 17.7 | 10.0 Red  |
| MDD1.25-110(8)  | 0.8×2.8       | 0.8                        | 2.8           | 1.7 | 4.3 | 17.7 |           |
| MDD1.25-187(5)  | 0.5×4.75      | 0.5                        | 4.75          | 1.7 | 4.3 | 20.0 |           |
| MDD1.25-187(8)  | 0.8×4.75      | 0.8                        | 4.75          | 1.7 | 4.3 | 18.5 | 10.0 Blue |
| MDD1.25-250     | 0.8×6.35      | 0.4                        | 6.35          | 1.7 | 4.3 | 21.0 |           |



1.5~2.5mm<sup>2</sup>(16~14) I<sub>max</sub>=15A

| Item No.    | Mema Tab (mm) | Thickness of Material (mm) | Dimension(mm) |     |     |      | Color     |
|-------------|---------------|----------------------------|---------------|-----|-----|------|-----------|
|             |               |                            | B             | d φ | D φ | L    |           |
| MDD2-187(5) | 0.5×4.75      | 0.5                        | 4.75          | 2.3 | 4.3 | 20.0 | 10.0 Blue |
| MDD2-187(8) | 0.8×4.75      | 0.8                        | 4.75          | 2.3 | 4.3 | 20.0 |           |
| MDD2-250    | 0.8×6.35      | 0.4                        | 6.35          | 2.3 | 4.3 | 21.0 |           |



4~6mm<sup>2</sup>(12~10) : I<sub>max</sub>=24A

| Item No.   | Mema Tab (mm) | Thickness of Material (mm) | Dimension(mm) |     |     |      | Color       |
|------------|---------------|----------------------------|---------------|-----|-----|------|-------------|
|            |               |                            | B             | d φ | D φ | L    |             |
| MDD5.5-250 | 0.8×6.35      | 0.4                        | 6.35          | 3.4 | 5.7 | 25.0 | 13.0 Yellow |
| MDD5.5-375 | 1.2×9.4       | 0.5                        | 6.35          | 3.4 | 5.7 | 29.6 |             |

**Insulated Female Connectors**

0.5~1.5mm<sup>2</sup>(22~16) I<sub>max</sub>=10A

| Item No.       | Mema Tab (mm) | Thickness of Material (mm) | Dimension(mm) |      |      |      | Color    |
|----------------|---------------|----------------------------|---------------|------|------|------|----------|
|                |               |                            | B             | d φ  | D φ  | L    |          |
| FDD1.25-110(5) | 0.5×2.8       | 0.3                        | 3.8           | 1.70 | 3.80 | 19.0 | 10.0 Red |
| FDD1.25-110(8) | 0.8×2.8       | 0.3                        | 3.8           | 1.70 | 3.80 | 19.0 |          |
| FDD1.25-187(5) | 0.5×4.75      | 0.35                       | 5.6           | 1.70 | 3.80 | 19.0 |          |
| FDD1.25-187(8) | 0.8×4.75      | 0.35                       | 5.6           | 1.70 | 3.80 | 19.0 | 10.0 Red |
| FDD1.25-205    | 0.5×5.2       | 0.35                       | 6.5           | 1.70 | 3.80 | 20.0 |          |
| FDD1.25-250    | 0.8×6.35      | 0.4                        | 7.4           | 1.70 | 3.80 | 21.0 |          |



1.5-2.5mm<sup>2</sup>(16~14) I<sub>max</sub>=15A

| Item No.    | Mema Tab (mm) | Thickness of Material (mm) | Dimension(mm) |     |     |      | Color     |
|-------------|---------------|----------------------------|---------------|-----|-----|------|-----------|
|             |               |                            | B             | d φ | D φ | L    |           |
| FDD2-110(5) | 0.5×2.8       | 0.3                        | 3.8           | 2.3 | 4.3 | 19.0 | 10.0 Blue |
| FDD2-110(8) | 0.8×2.8       | 0.3                        | 3.8           | 2.3 | 4.3 | 19.0 |           |
| FDD2-187(5) | 0.5×4.75      | 0.35                       | 5.6           | 2.3 | 4.3 | 19.0 |           |
| FDD2-187(8) | 0.8×4.75      | 0.35                       | 5.6           | 2.3 | 4.3 | 19.0 | 10.0 Blue |
| FDD2-205    | 0.5×5.2       | 0.35                       | 6.5           | 2.3 | 4.3 | 20.0 |           |
| FDD2-250    | 0.8×6.35      | 0.4                        | 7.4           | 2.3 | 4.3 | 21.0 |           |
| FDD2-312    | 0.8×8.0       | 0.4                        | 9.0           | 2.3 | 4.3 | 23.0 |           |

4~6mm<sup>2</sup>(12~10) I<sub>max</sub>=24A

| Item No.   | Mema Tab (mm) | Thickness of Material (mm) | Dimension(mm) |     |     |      | Color       |
|------------|---------------|----------------------------|---------------|-----|-----|------|-------------|
|            |               |                            | B             | d φ | D φ | L    |             |
| FDD5.5-250 | 0.8×6.35      | 0.4                        | 7.4           | 3.4 | 5.7 | 25.0 | 13.0 Yellow |
| FDD5.5-375 | 1.2×9.4       | 0.5                        | 10.9          | 3.4 | 5.7 | 29.6 |             |

### Insulated Bullet Disconnectors

0.5-1.5mm<sup>2</sup> (22-16) I<sub>max</sub>=10A

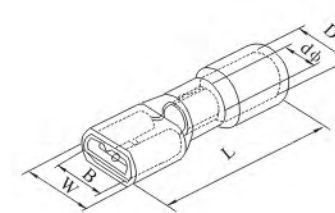
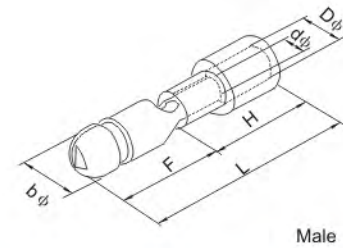
| Item No.    | Thickness of Material (mm) | Dimension(mm) |      |     |     |      |      | Color |
|-------------|----------------------------|---------------|------|-----|-----|------|------|-------|
|             |                            | b φ           | F    | D φ | d φ | H    | L    |       |
| MPD1.25-156 | 0.4                        | 4.0           | 11.0 | 7.7 | 1.7 | 10.0 | 21.0 | Red   |

1.5-2.5mm<sup>2</sup> (16-14) I<sub>max</sub>=15A

| Item No. | Thickness of Material (mm) | Dimension(mm) |      |     |     |      |      | Color |
|----------|----------------------------|---------------|------|-----|-----|------|------|-------|
|          |                            | b φ           | F    | D φ | d φ | H    | L    |       |
| MPD2-156 | 0.4                        | 4.0           | 16.0 | 3.3 | 2.3 | 10.0 | 21.0 | Blue  |
| MPD2-195 | 0.4                        | 5.0           | 16.0 | 3.3 | 2.3 | 10.0 | 21.0 |       |

4-6mm<sup>2</sup> (12-10) I<sub>max</sub>=24A

| Item No.   | Thickness of Material (mm) | Dimension(mm) |      |     |     |      |      | Color  |
|------------|----------------------------|---------------|------|-----|-----|------|------|--------|
|            |                            | b φ           | F    | D φ | d φ | H    | L    |        |
| MPD5.5-195 | 0.4                        | 4.0           | 11.0 | 4.5 | 3.4 | 13.0 | 25.0 | Yellow |



### Fully Vinyl Insulated Disconnectors

0.5-1.5mm<sup>2</sup> (22-16) I<sub>max</sub>=10A

| Item No.        | Mema Tab (mm) | Dimension (mm) |     |     |     |      | Color |
|-----------------|---------------|----------------|-----|-----|-----|------|-------|
|                 |               | W              | B   | D φ | d φ | L    |       |
| FDFD1.25-187(5) | 0.5×4.75      | 5.6            | 5.0 | 3.8 | 1.7 | 20.0 | Red   |
| FDFD1.25-187(8) | 0.8×4.75      | 5.6            | 5.0 | 3.8 | 1.7 | 20.0 |       |
| FDFD1.25-250    | 0.8×6.35      | 7.4            | 6.6 | 3.8 | 1.7 | 21.5 |       |

1.5-2.5mm<sup>2</sup> (16-14) I<sub>max</sub>=15A

| Item No.     | Mema Tab (mm) | Dimension (mm) |     |     |     |      | Color |
|--------------|---------------|----------------|-----|-----|-----|------|-------|
|              |               | W              | B   | D φ | d φ | L    |       |
| FDFD2-187(5) | 0.5×4.75      | 5.6            | 5.0 | 4.3 | 2.3 | 20.0 | Blue  |
| FDFD2-187(8) | 0.8×4.75      | 5.6            | 5.0 | 4.3 | 2.3 | 20.0 |       |
| FDFD2-250    | 0.8×6.35      | 7.4            | 6.6 | 4.3 | 2.3 | 21.5 |       |

4-6mm<sup>2</sup> (12-10) I<sub>max</sub>=24A

| Item No.    | Mema Tab (mm) | Dimension (mm) |     |     |     |      | Color  |
|-------------|---------------|----------------|-----|-----|-----|------|--------|
|             |               | W              | B   | D φ | d φ | L    |        |
| FDFD5.5-250 | 0.8×6.35      | 7.4            | 6.6 | 5.7 | 3.4 | 25.5 | Yellow |

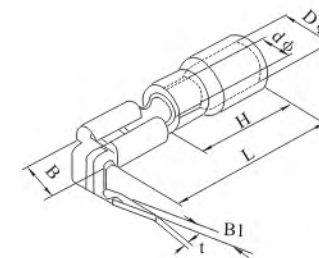
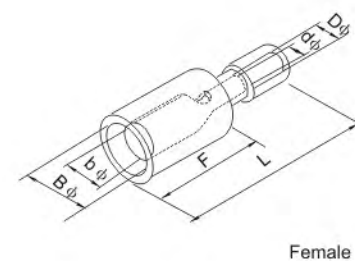
### Insulated Receptacle Disconnectors

0.5-1.5mm<sup>2</sup> (22-16) I<sub>max</sub>=10A

| Item No.    | Thickness of Material (mm) | Dimension(mm) |      |     |     |      | Color |
|-------------|----------------------------|---------------|------|-----|-----|------|-------|
|             |                            | b φ           | F    | D φ | d φ | L    |       |
| FRD1.25-156 | 0.4                        | 4.0           | 13.0 | 2.7 | 1.7 | 24.5 | Red   |

1.5-2.5mm<sup>2</sup> (16-14) I<sub>max</sub>=15A

| Item No. | Thickness of Material (mm) | Dimension(mm) |     |     |     |      | Color |
|----------|----------------------------|---------------|-----|-----|-----|------|-------|
|          |                            | b φ           | F   | D φ | d φ | L    |       |
| FRD2-156 | 0.4                        | 4.0           | 6.3 | 3.3 | 2.3 | 24.5 | Blue  |
| FRD2-195 | 0.4                        | 5.0           | 7.0 | 3.3 | 2.3 | 25.5 |       |



### Piggy Back Disconnectors

0.5-1.5mm<sup>2</sup> (22-16) : I<sub>max</sub>=10A

| Item No.     | Mema Tab T (mm) | Dimension (mm) |      |      |     |     |      | Color |
|--------------|-----------------|----------------|------|------|-----|-----|------|-------|
|              |                 | B              | B1   | H    | D φ | d φ | L    |       |
| PBDD1.25-250 | 0.8×6.35        | 7.4            | 6.35 | 10.0 | 3.8 | 1.7 | 21.5 | Red   |

1.5-2.5mm<sup>2</sup> (16-14) I<sub>max</sub>=15A

| Item No.  | Mema Tab T (mm) | Dimension (mm) |     |      |     |     |      | Color |
|-----------|-----------------|----------------|-----|------|-----|-----|------|-------|
|           |                 | B              | B1  | H    | D φ | d φ | L    |       |
| PBDD2-250 | 0.8×6.35        | 7.4            | 6.3 | 10.0 | 4.3 | 2.3 | 21.5 | Blue  |

4-6mm<sup>2</sup> (12-10) I<sub>max</sub>=24A

| Item No.    | Mema Tab T (mm) | Dimension (mm) |      |      |     |     |      | Color  |
|-------------|-----------------|----------------|------|------|-----|-----|------|--------|
|             |                 | B              | B1   | H    | D φ | d φ | L    |        |
| PBDD5.5-250 | 0.8×6.35        | 7.4            | 6.35 | 13.0 | 5.7 | 3.4 | 25.0 | Yellow |

### Male And Female Full-insulating Joints(Nylon)

Max.current:10A material:copper insulating:nylon

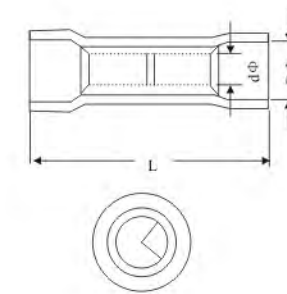
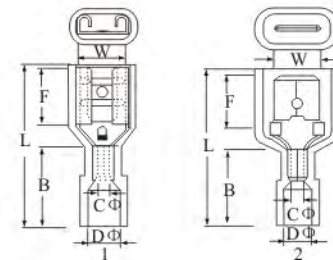
| Item No.      | Connecting Spec. | Dimension(mm) |     |      |      |          |          |     | Diagram | Cable Size                             | Color |
|---------------|------------------|---------------|-----|------|------|----------|----------|-----|---------|----------------------------------------|-------|
|               |                  | W             | F   | L    | B    | D $\Phi$ | C $\Phi$ | T   |         |                                        |       |
| FDNF 1.25-250 | 0.8x6.35         | 6.6           | 7.3 | 22.0 | 11.0 | 4.0      | 0.7      | 0.4 | 1       | 22-16 A.W.G<br>0.5-1.5 mm <sup>2</sup> | Red   |
| MDFN 1.25-250 |                  | 6.35          | 7.7 | 23.0 |      |          |          |     |         |                                        |       |

Max.current:15A material:copper insulating:nylon

| Item No.   | Connecting Spec. | Dimension(mm) |     |      |      |          |          |     | Diagram | Cable Size                             | Color |
|------------|------------------|---------------|-----|------|------|----------|----------|-----|---------|----------------------------------------|-------|
|            |                  | W             | F   | L    | B    | D $\Phi$ | C $\Phi$ | T   |         |                                        |       |
| FDNF 2-250 | 0.8x6.35         | 6.6           | 7.3 | 22.0 | 11.0 | 4.5      | 2.3      | 0.4 | 1       | 16-14 A.W.G<br>1.5-2.5 mm <sup>2</sup> | Blue  |
| MDFN 2-250 |                  | 6.35          | 7.7 | 24.0 |      |          |          |     |         |                                        |       |

Max.current:24A material:copper insulating:nylon

| Item No.     | Connecting Spec. | Dimension(mm) |     |      |      |          |          |     | Diagram | Cable Size                         | Color  |
|--------------|------------------|---------------|-----|------|------|----------|----------|-----|---------|------------------------------------|--------|
|              |                  | W             | F   | L    | B    | D $\Phi$ | C $\Phi$ | T   |         |                                    |        |
| FDNF 5.5-250 | 0.8x6.35         | 6.6           | 7.3 | 24.0 | 13.0 | 6.3      | 3.4      | 0.4 | 1       | 12-10 A.W.G<br>4-6 mm <sup>2</sup> | Yellow |
| MDFN 5.5-250 |                  | 6.35          | 7.7 | 25.0 |      |          |          |     |         |                                    |        |



### Insulated Butt Connectors(Nylon)

22-26A.W.G. 9A 22-16A.W.G. 19A 16-14A.W.G. 27A 12-10A.W.G. 48A

Max.voltage:105°C 600V

| Item No.  | Dimension(mm) |          |          | Joint Material | Cable Size                           | Color  |
|-----------|---------------|----------|----------|----------------|--------------------------------------|--------|
|           | L             | D $\Phi$ | d $\Phi$ |                |                                      |        |
| BNYF 0.5  | 20.0          | 2.0      | 1.3      | Copper         | 26-22A.W.G<br>0.2-0.5mm <sup>2</sup> | Yellow |
| BNYF 1.25 | 27.3          | 3.2      | 1.7      | Copper         | 22-16A.W.G<br>0.5-1.5mm <sup>2</sup> | Red    |
| BNYF 2    | 27.3          | 3.8      | 2.3      | Copper         | 16-14A.W.G<br>1.5-2.5mm <sup>2</sup> | Blue   |
| BNYF 5.5  | 27.3          | 5.3      | 3.4      | Copper         | 12-10A.W.G<br>4-6mm <sup>2</sup>     | Yellow |

| Item No. | Dimension(mm) |          |          | Joint Material | Cable Size                           | Color  |
|----------|---------------|----------|----------|----------------|--------------------------------------|--------|
|          | L             | D $\Phi$ | d $\Phi$ |                |                                      |        |
| BNY 1.25 | 27.3          | 3.2      | 1.7      | Copper         | 26-16A.W.G<br>0.5-1.5mm <sup>2</sup> | Red    |
| BNY 2    | 27.3          | 3.8      | 2.3      | Copper         | 16-14A.W.G<br>1.5-2.5mm <sup>2</sup> | Blue   |
| BNY 5.5  | 27.3          | 5.3      | 3.4      | Copper         | 12-10A.W.G<br>4-6mm <sup>2</sup>     | Yellow |

### Male And Female Full-insulating Joints(Nylon)

Max.current:10A material:copper insulating:nylon

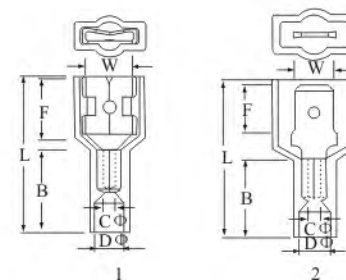
| Item No.       | Connecting Spec. | Dimension(mm) |     |      |      |          |          |      | Diagram | Cable Size                             | Color |
|----------------|------------------|---------------|-----|------|------|----------|----------|------|---------|----------------------------------------|-------|
|                |                  | W             | F   | L    | B    | D $\Phi$ | C $\Phi$ | T    |         |                                        |       |
| FDNFY 1.25-250 | 0.8x6.35         | 6.6           | 7.3 | 22.0 | 12.0 | 4.0      | 1.7      | 0.45 | 1       | 22-16 A.W.G<br>0.5-1.5 mm <sup>2</sup> | Red   |
| MDFNY 1.25-250 |                  | 6.35          | 7.7 | 23.0 | 11.0 | 4.0      | 1.7      | 0.8  |         |                                        |       |

Max.current:10A material:copper insulating:nylon

| Item No.    | Connecting Spec. | Dimension(mm) |     |      |      |          |          |      | Diagram | Cable Size                             | Color |
|-------------|------------------|---------------|-----|------|------|----------|----------|------|---------|----------------------------------------|-------|
|             |                  | W             | F   | L    | B    | D $\Phi$ | C $\Phi$ | T    |         |                                        |       |
| FDNFY 2-250 | 0.8x6.35         | 6.6           | 7.3 | 23.0 | 12.0 | 4.5      | 2.3      | 0.45 | 1       | 16-14 A.W.G<br>1.5-2.5 mm <sup>2</sup> | Blue  |
| MDFNY 2-250 |                  | 6.35          | 7.7 | 24.0 | 11.0 | 4.5      | 2.3      | 0.8  |         |                                        |       |

Max.current:10A material:copper insulating:nylon

| Item No.      | Connecting Spec. | Dimension(mm) |     |      |      |          |          |      | Diagram | Cable Size                         | Color  |
|---------------|------------------|---------------|-----|------|------|----------|----------|------|---------|------------------------------------|--------|
|               |                  | W             | F   | L    | B    | D $\Phi$ | C $\Phi$ | T    |         |                                    |        |
| FDNFY 5.5-250 | 0.8x6.35         | 6.6           | 7.3 | 23.0 | 12.0 | 5.0      | 3.4      | 0.45 | 1       | 12-10 A.W.G<br>4-6 mm <sup>2</sup> | Yellow |
| MDFNY 5.5-250 |                  | 6.35          | 7.7 | 24.0 | 11.0 | 5.0      | 3.4      | 0.8  |         |                                    |        |

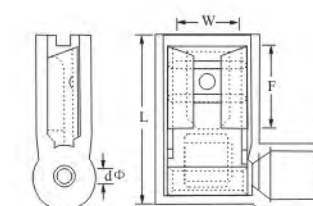


### Flag Female Insulated Connectors(nylon)

22-18A.W.G. 10A 16-14A.W.G. 15A 12-10A.W.G. 24A

Max.voltage:105°C 600V

| Item No.       | Connecting spec. | Dimension(mm) |     |      |          | Cable Size                           |
|----------------|------------------|---------------|-----|------|----------|--------------------------------------|
|                |                  | W             | F   | L    | d $\Phi$ |                                      |
| FLDNY 1.25-250 | 0.8X6.35         | 6.6           | 7.6 | 16.0 | 1.7      | 22-18A.W.G<br>0.5-1.5mm <sup>2</sup> |
| FLDNY 2-250    | 0.8X6.35         | 6.6           | 7.6 | 16.0 | 1.7      | 16-14A.W.G<br>1.5-2.5mm <sup>2</sup> |
| FLDNY 5.5-250  | 0.8X6.35         | 6.6           | 7.6 | 16.0 | 1.7      | 12-10A.W.G<br>4-6mm <sup>2</sup>     |

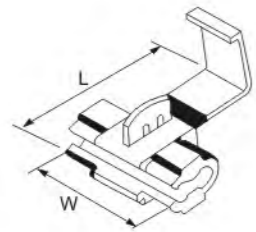




**Fast Connecting Terminals**

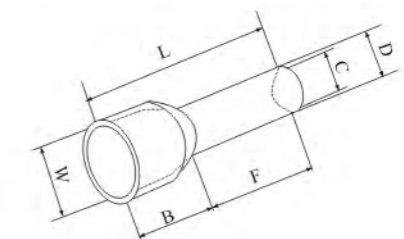
22-18 A.W.G 10A 18-14 A.W.G 15A 12-10A.W.G.24A  
Max voltage:105°C 600V

| Item No. | Dimension(mm) |      | Cable Size                            | Color  |
|----------|---------------|------|---------------------------------------|--------|
|          | W             | L    |                                       |        |
| 878100   | 20.0          | 27.0 | 22-18A.W.G<br>0.5-1.0mm <sup>2</sup>  | Red    |
| 878101   | 20.0          | 27.0 | 18-14A.W.G<br>0.75-2.5mm <sup>2</sup> | Blue   |
| 878201   | 20.5          | 34.5 | 12-10A.W.G<br>4-6mm <sup>2</sup>      | Yellow |



**Insulated Cord End Terminals**

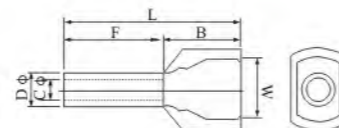
| Item No | Dimension (mm) |      |      |      |      |      | Cable Size |                 | Color         |
|---------|----------------|------|------|------|------|------|------------|-----------------|---------------|
|         | F              | L    | W    | B    | D    | C    | A.W.G      | mm <sup>2</sup> |               |
| E0506   | 6.0            | 12.0 |      |      |      |      |            |                 |               |
| E0508   | 8.0            | 14.0 | 2.6  | 6.0  | 1.3  | 1.0  | #22        | 0.5             | Orange        |
| E0510   | 10.0           | 16.0 |      |      |      |      |            |                 |               |
| E0512   | 12.0           | 18.0 |      |      |      |      |            |                 |               |
| E7506   | 6.0            | 12.4 |      |      |      |      |            |                 |               |
| E7508   | 8.0            | 14.6 |      |      |      |      |            |                 |               |
| E7510   | 10.0           | 16.4 | 2.8  | 6.4  | 1.5  | 1.2  | #20        | 0.75            | White         |
| E7512   | 12.0           | 18.4 |      |      |      |      |            |                 | Blue          |
| E7518   | 18.0           | 24.4 |      |      |      |      |            |                 |               |
| E1006   | 6.0            | 12.4 |      |      |      |      |            |                 |               |
| E1008   | 8.0            | 14.6 |      |      |      |      |            |                 |               |
| E1010   | 10.0           | 16.4 | 3.0  | 6.4  | 1.7  | 1.4  | #18        | 1.0             | Yellow        |
| E1012   | 12.0           | 18.4 |      |      |      |      |            |                 | Red           |
| E1508   | 8.0            | 14.6 |      |      |      |      |            |                 |               |
| E1510   | 10.0           | 16.4 |      |      |      |      |            |                 |               |
| E1512   | 12.0           | 18.4 | 3.5  | 6.4  | 2.0  | 1.7  | #16        | 1.5             | Red           |
| E1518   | 18.0           | 24.4 |      |      |      |      |            |                 | Black         |
| E2508   | 8.0            | 15.2 |      |      |      |      |            |                 |               |
| E2510   | 10.0           | 17.2 |      |      |      |      |            |                 |               |
| E2512   | 12.0           | 19.0 | 4.0  | 7.0  | 2.6  | 2.3  | #14        | 2.5             | Blue          |
| E2518   | 18.0           | 25.0 |      |      |      |      |            |                 | Grey          |
| E4009   | 9.0            | 16.5 |      |      |      |      |            |                 |               |
| E4012   | 12.0           | 19.5 |      |      |      |      |            |                 |               |
| E4018   | 18.0           | 25.5 | 4.4  | 7.5  | 3.2  | 2.8  | #12        | 4.0             | Grey          |
| E6010   | 16.0           | 18.0 |      |      |      |      |            |                 |               |
| E6012   | 12.0           | 20.0 |      |      |      |      |            |                 |               |
| E6018   | 18.0           | 26.0 | 6.3  | 8.0  | 3.9  | 3.5  | #10        | 6.0             | Black         |
| E10-12  | 12.0           | 21.5 | 7.6  | 9.5  | 4.9  | 4.5  | #7         | 10.0            | Milky white   |
| E10-18  | 18.0           | 27.5 |      |      |      |      |            |                 | Brown green   |
| E16-12  | 12.0           | 22.2 |      |      |      |      |            |                 |               |
| E16-18  | 18.0           | 28.2 | 8.8  | 10.2 | 6.2  | 5.8  | #5         | 16.0            | Green         |
| E25-16  | 16.0           | 29.0 |      |      |      |      |            |                 | Milky white   |
| E25-22  | 22.0           | 35.0 | 11.2 | 13.0 | 7.9  | 7.5  | #4         | 25.0            | Brown green   |
| E35-16  | 16.0           | 30.0 |      |      |      |      |            |                 | Black         |
| E35-25  | 25.0           | 39.0 | 12.7 | 14.0 | 8.7  | 8.3  | #2         | 35.0            | Greyish brown |
| E50-20  | 20.0           | 36.0 |      |      |      |      |            |                 |               |
| E50-25  | 25.0           | 41.0 | 15.3 | 16.0 | 10.9 | 10.3 | #1         | 50.0            | Olive         |



**Crewel Tube Pre-insulating Terminals**

Max voltage:105°C Ui=300V

| Item No. | Conductor (mm <sup>2</sup> ) | Dimension(mm) |      |      |      |     |     | Color       |
|----------|------------------------------|---------------|------|------|------|-----|-----|-------------|
|          |                              | F             | L    | W    | B    | D φ | C φ |             |
| TE 0508  | 2×0.5                        | 8.0           | 14.5 | 5.0  | 6.5  | 1.8 | 1.5 | White       |
| TE 7508  | 2×0.75                       | 8.0           | 14.7 | 5.5  | 6.7  | 2.1 | 1.8 | Blue        |
| TE 7510  | 2×0.75                       | 10.0          | 16.7 | 5.5  | 6.7  | 2.1 | 1.8 | Grey        |
| TE 1008  | 2×1.0                        | 8.0           | 15.1 | 5.5  | 7.1  | 2.3 | 2.0 | Red         |
| TE 1010  | 2×1.0                        | 10.0          | 17.1 | 5.5  | 7.1  | 2.3 | 2.0 | Red         |
| TE 1508  | 2×1.5                        | 8.0           | 15.5 | 6.4  | 7.2  | 2.6 | 2.3 | Black       |
| TE 1512  | 2×1.5                        | 12.0          | 19.5 | 6.4  | 7.5  | 2.6 | 2.3 | Black       |
| TE 2510  | 2×2.5                        | 10.0          | 18.5 | 8.0  | 8.5  | 3.3 | 2.9 | Grey        |
| TE 2513  | 2×2.5                        | 13.0          | 21.5 | 8.0  | 8.5  | 3.3 | 2.9 | Blue        |
| TE 4012  | 2×4.0                        | 12.0          | 23.1 | 8.8  | 11.1 | 4.2 | 3.8 | Orange      |
| TE 6014  | 2×6.0                        | 14.0          | 26.1 | 9.5  | 12.1 | 5.3 | 4.9 | Grey        |
| TE 10-14 | 2×10.0                       | 14.0          | 26.6 | 12.6 | 12.0 | 6.9 | 6.5 | Green       |
| TE 16-14 | 2×16.0                       | 14.0          | 31.3 | 19.0 | 17.3 | 8.7 | 8.3 | Yellow      |
|          |                              |               |      |      |      |     |     | Brown       |
|          |                              |               |      |      |      |     |     | Green       |
|          |                              |               |      |      |      |     |     | Red         |
|          |                              |               |      |      |      |     |     | Milky white |
|          |                              |               |      |      |      |     |     | White       |



**Value Packing**

FIT-50

Plastic box packing  
Available for any kind of terminal  
50pcs or 100pcs per box

FIT-175

175PCS 18 Type Assortment

| Item No. | Qty. | Item No. | Qty. | Item No.    | Qty. |
|----------|------|----------|------|-------------|------|
| RV1.25-3 | 15   | RV5.5-5  | 5    | BV2         | 10   |
| RV1.25-4 | 10   | RV5.5-6  | 5    | BV5.5       | 5    |
| RV1.25-5 | 10   | SV1.25-3 | 10   | MDD1.25-250 | 10   |
| RV2-3    | 15   | SV1.25-4 | 10   | MDD2-250    | 10   |
| RV2-4    | 10   | SV2-4    | 10   | FDD1.25-250 | 10   |
| RV2-5    | 10   | BV1.25   | 10   | FDD2-250    | 10   |

FIT-300

300PCS 18 Type Assortment

| Item No. | Qty. | Item No. | Qty. | Item No.    | Qty. |
|----------|------|----------|------|-------------|------|
| RV1.25-3 | 25   | RV5.5-5  | 5    | Bv2         | 10   |
| RV1.25-4 | 25   | RV5.5-6  | 5    | BV5.5       | 5    |
| RV1.25-5 | 25   | SV1.25-3 | 20   | MDD1.25-250 | 20   |
| RV2-3    | 20   | SV1.25-4 | 20   | MDD2-250    | 20   |
| RV2-4    | 20   | SV2-4    | 20   | FDD1.25-250 | 20   |
| RV2-5    | 10   | BV1.25   | 10   | FDD2-250    | 20   |

IT-760

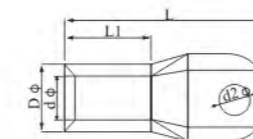
760PCS 18 Type Assortment

| Item No. | Qty. | Item No. | Qty. | Item No.    | Qty. |
|----------|------|----------|------|-------------|------|
| RV1.25-3 | 80   | RV5.5-5  | 40   | BV2         | 20   |
| RV1.25-4 | 80   | RV5.5-6  | 40   | BV5.5       | 40   |
| RV1.25-5 | 80   | SV1.25-3 | 80   | MDD1.25-250 | 40   |
| RV2-3    | 80   | SV1.25-4 | 80   | MDD2-250    | 40   |
| RV2-4    | 10   | SV2-4    | 10   | FDD1.25-250 | 10   |
| RV2-5    | 10   | BV1.25   | 10   | FDD2-250    | 10   |

FIT-1200

1200PCS 18 Type Assortment

| Item No. | Qty. | Item No. | Qty. | Item No.    | Qty. |
|----------|------|----------|------|-------------|------|
| RV1.25-3 | 80   | RV5.5-5  | 40   | BV2         | 50   |
| RV1.25-4 | 80   | RV5.5-6  | 40   | BV5.5       | 40   |
| RV1.25-5 | 80   | SV1.25-3 | 80   | MDD1.25-250 | 70   |
| RV2-3    | 80   | SV1.25-4 | 80   | MDD2-250    | 70   |
| RV2-4    | 80   | SV2-4    | 80   | FDD1.25-250 | 70   |
| RV2-5    | 60   | BV1.25   | 50   | FDD2-250    | 70   |

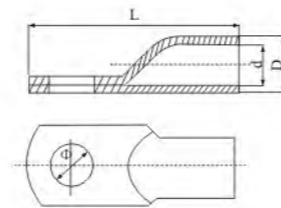


**SC Cable Lugs**

| Item No.   | d2(mm) | Dimension(mm) |      |      |       | Cable size (mm) |
|------------|--------|---------------|------|------|-------|-----------------|
|            |        | d φ           | D φ  | L1   | L     |                 |
| SC 1.5-5   | 5.3    | 1.9           | 3.35 | 6.5  | 18.0  | 1.5             |
| SC 2.5-4   | 4.3    | 2.6           | 4.0  | 7.0  | 18.0  | 2.5             |
| SC 2.5-5   | 5.3    | 2.6           | 4.0  | 7.0  | 20.0  | 2.5             |
| SC 4-5     | 5.3    | 3.2           | 4.8  | 7.5  | 20.5  | 4               |
| SC 4-6     | 6.4    | 3.2           | 4.8  | 7.5  | 22.0  | 4               |
| SC 6-5     | 5.3    | 3.7           | 5.3  | 8.0  | 24.0  | 6               |
| SC 6-6     | 6.4    | 3.7           | 5.3  | 8.0  | 24.0  | 6               |
| SC 10-6    | 6.4    | 4.5           | 6.3  | 9.0  | 24.0  | 10              |
| SC 10-8    | 8.4    | 4.5           | 6.3  | 9.0  | 25.0  | 10              |
| SC16-6     | 6.4    | 5.7           | 7.5  | 11.0 | 27.5  | 16              |
| SC16-8     | 8.4    | 5.7           | 7.5  | 11.0 | 29.5  | 16              |
| SC 25-6    | 6.5    | 7.2           | 9.0  | 13.5 | 34.0  | 25              |
| SC 25-8    | 8.4    | 7.2           | 9.0  | 13.5 | 34.0  | 25              |
| SC 35-8    | 8.4    | 8.5           | 10.8 | 14.5 | 37.0  | 35              |
| SC 35-10   | 10.5   | 8.5           | 10.8 | 14.5 | 38.0  | 35              |
| SC 50-8    | 8.4    | 9.8           | 12.5 | 17.0 | 42.5  | 50              |
| SC 50-10   | 10.5   | 9.8           | 12.5 | 17.0 | 44.0  | 50              |
| SC 70-10   | 10.5   | 11.5          | 14.5 | 19.5 | 50.0  | 70              |
| SC 70-12   | 13.0   | 11.5          | 14.5 | 19.5 | 50.0  | 70              |
| SC 95-10   | 10.5   | 13.7          | 17.0 | 23.5 | 57.0  | 95              |
| SC 95-12   | 13.0   | 13.7          | 17.0 | 23.5 | 57.0  | 95              |
| SC 120-12  | 13.0   | 15.0          | 19.0 | 26.0 | 63.0  | 120             |
| SC 120-16  | 17.0   | 15.0          | 19.0 | 26.0 | 63.0  | 120             |
| SC 150-12  | 13.0   | 16.7          | 21.0 | 29.0 | 71.0  | 150             |
| SC 150-16  | 17.0   | 16.7          | 21.0 | 29.0 | 71.0  | 150             |
| SC 185-16  | 17.0   | 18.5          | 23.0 | 33.0 | 79.0  | 185             |
| SC 240-16  | 17.0   | 21.0          | 26.0 | 40.0 | 91.0  | 240             |
| SC 240-20  | 21.0   | 21.0          | 26.0 | 40.0 | 92.0  | 240             |
| SC 300-16  | 17.0   | 24.0          | 30.0 | 44.0 | 100.0 | 300             |
| SC300-20   | 21.0   | 24.0          | 30.0 | 44.0 | 102.0 | 300             |
| SC 400-16  | 17.0   | 27.0          | 34.0 | 46.0 | 102.0 | 400             |
| SC 400-20  | 21.0   | 27.0          | 34.0 | 46.0 | 113.0 | 400             |
| SC 500-16  | 17.0   | 30.0          | 38.0 | 50.0 | 123.0 | 500             |
| SC 500-20  | 21.0   | 30.0          | 38.0 | 50.0 | 123.0 | 500             |
| SC 630-20  | 21.0   | 35.0          | 45.0 | 56.0 | 135.0 | 630             |
| SC 800-22  | 50     | 39.0          | 50.0 | 60.0 | 170.0 | 800             |
| SC 1000-22 | 56     | 44.0          | 56.0 | 87.0 | 200.0 | 1000            |

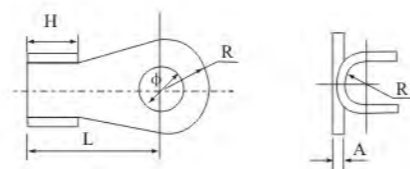
**JG Cable Lugs**

| Item No. | Φ(mm) | D(mm) | d(mm) | L(mm) |
|----------|-------|-------|-------|-------|
| JG-10    | 6.2   | 8     | 5     | 37.5  |
| JG-16    | 8.4   | 9     | 6     | 40.5  |
| JG-25    | 8.4   | 10    | 7     | 45.5  |
| JG-35    | 8.5   | 11    | 8     | 51.5  |
| JG-50    | 8.5   | 13    | 10    | 54    |
| JG-70    | 10.5  | 16    | 12    | 60    |
| JG-95    | 10.5  | 18    | 14    | 65    |
| JG-120   | 12.5  | 19    | 15    | 72.5  |
| JG-150   | 12.5  | 22    | 17    | 77    |
| JG-185   | 14.5  | 24    | 19    | 86    |
| JG-240   | 16.5  | 26    | 21    | 93.5  |
| JG-300   | 16.5  | 31    | 24    | 101   |
| JG-400   | 18.5  | 34    | 26    | 113.5 |
| JG-500   | 20.5  | 38    | 30    | 123.5 |
| JG-630   | 22.5  | 45    | 35    | 135   |
| JG-800   | 22.5  | 50    | 40    | 170   |



**Copper Open Cable Lugs**

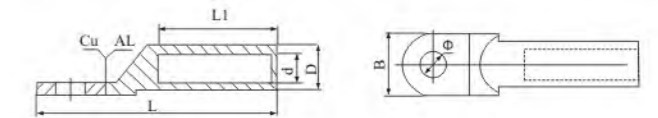
| Item No. | D    | H    | L    | R    | R1   | A   |
|----------|------|------|------|------|------|-----|
| OT-10A   | 5.2  | 6    | 14.5 | 4.5  | 2    | 0.8 |
| OT-20A   | 6.2  | 7    | 17   | 5.5  | 2.5  | 1   |
| OT-30A   | 6.2  | 8.2  | 19   | 5.8  | 3.2  | 1.2 |
| OT-40A   | 6.2  | 9    | 19.5 | 6.2  | 3.5  | 1.2 |
| OT-50A   | 6.2  | 9    | 21.5 | 6.5  | 3.5  | 1.2 |
| OT-60A   | 8.2  | 10   | 23   | 7    | 4    | 1.4 |
| OT-80A   | 8.2  | .11  | 25   | 8    | 4.5  | 1.5 |
| OT-100A  | 8.2  | 12   | 29   | 8.5  | 5    | 1.5 |
| OT-150A  | 10.2 | 12   | 31   | 9    | 5.5  | 1.6 |
| OT-200A  | 10.2 | 14   | 33.2 | 10   | 6    | 1.7 |
| OT-250A  | 12.2 | 15.5 | 36   | 10.5 | 6.5  | 2   |
| OT-300A  | 12.2 | 16   | 40   | 11.5 | 7    | 2   |
| OT-400A  | 14.2 | 18   | 43   | 13   | 8    | 2.2 |
| OT-500A  | 14.2 | 20   | 46   | 14.5 | 8.5  | 2.4 |
| OT-600A  | 16.2 | 22   | 50.5 | 16   | 10.5 | 2.8 |
| OT-800A  | 18.2 | 26   | 61   | 17.5 | 12.5 | 3.2 |
| OT-1000A | 18.2 | 33   | 66   | 20.5 | 15.5 | 3.8 |



DTL-1

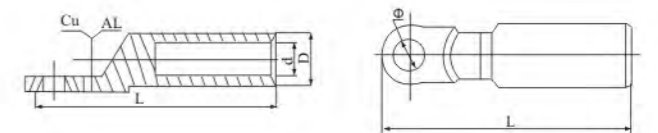
**DTL Bimetallic Lugs(Cu-Al)**

| Item No.  | Φ    | D  | D    | L   | L1 | B    |
|-----------|------|----|------|-----|----|------|
| DTL-1-10  | 8.5  | 10 | 5.7  | 65  | 28 | 16   |
| DTL-1-16  | 8.5  | 11 | 6    | 70  | 30 | 16   |
| DTL-1-25  | 8.5  | 12 | 7    | 75  | 33 | 18   |
| DTL-1-35  | 10.5 | 14 | 8.5  | 83  | 38 | 20.5 |
| DTL-1-50  | 10.5 | 16 | 9.8  | 90  | 40 | 23   |
| DTL-1-70  | 12.5 | 18 | 11.6 | 102 | 47 | 26   |
| DTL-1-95  | 12.5 | 21 | 13.8 | 112 | 48 | 28   |
| DTL-1-120 | 14.5 | 23 | 15.5 | 119 | 52 | 30   |
| DTL-1-150 | 14.5 | 25 | 16.5 | 126 | 53 | 34   |
| DTL-1-185 | 16.5 | 27 | 18.5 | 133 | 57 | 37   |
| DTL-1-240 | 16.5 | 30 | 21   | 141 | 60 | 40   |
| DTL-1-300 | 21   | 34 | 23.5 | 165 | 67 | 50   |
| DTL-1-400 | 21   | 38 | 26.5 | 178 | 76 | 55   |
| DTL-1-500 | 21   | 45 | 29.2 | 200 | 85 | 60   |
| DTL-1-630 | -    | 54 | 35   | 245 | 80 | 80   |
| DTL-1-800 | -    | 60 | 38   | 270 | 90 | 100  |



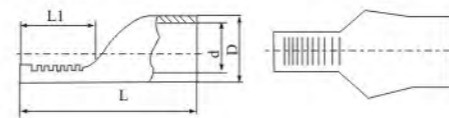
DTL-2

| Item No.  | Φ  | D  | D    | L   | L1 |
|-----------|----|----|------|-----|----|
| DTL-2-16  | 13 | 16 | 5.5  | 87  | 42 |
| DTL-2-25  | 13 | 16 | 6.5  | 87  | 42 |
| DTL-2-35  | 13 | 16 | 8    | 87  | 42 |
| DTL-2-50  | 13 | 20 | 9    | 87  | 43 |
| DTL-2-70  | 13 | 20 | 11   | 87  | 43 |
| DTL-2-95  | 13 | 20 | 12.5 | 87  | 43 |
| DTL-2-120 | 13 | 25 | 13.5 | 111 | 60 |
| DTL-2-150 | 13 | 25 | 15.5 | 111 | 60 |
| DTL-2-185 | 13 | 32 | 17.5 | 116 | 60 |
| DTL-2-240 | 13 | 32 | 19.5 | 116 | 60 |
| DTL-2-300 | 13 | 34 | 22.5 | 120 | 62 |



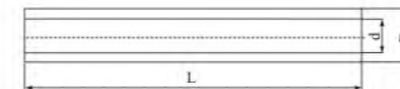
**C45 Plug-in Needles**

| Item No. | D   | d  | L  | L1   |
|----------|-----|----|----|------|
| 10       | 7.5 | 5  | 34 | 13.5 |
| 16       | 8.5 | 6  | 35 | 14   |
| 25       | 10  | 7  | 36 | 14.5 |
| 35       | 11  | 8  | 37 | 15   |
| 50       | 13  | 10 | 41 | 15.5 |
| 70       | 16  | 12 | 45 | 16   |
| 95       | 18  | 14 | 50 | 18   |
| 120      | 20  | 15 | 57 | 20   |
| 150      | 22  | 17 | 67 | 24   |
| 185      | 24  | 19 | 77 | 28   |
| 240      | 26  | 21 | 85 | 31   |



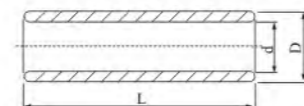
**GL Connecting Tubes (Aluminum)**

| Item No. | D(mm) | d(mm) | L(mm) |
|----------|-------|-------|-------|
| GL-1-10  | 9     | 5     | 52    |
| GL-1-16  | 10    | 6     | 58    |
| GL-1-25  | 11    | 7     | 62    |
| GL-1-35  | 12    | 8     | 67    |
| GL-1-50  | 15    | 10    | 76    |
| GL-1-70  | 17    | 11    | 87    |
| GL-1-95  | 19    | 13    | 92    |
| GL-1-120 | 21    | 15    | 98    |
| GL-1-150 | 23    | 17    | 108   |
| GL-1-185 | 25    | 19    | 114   |
| GL-1-240 | 28    | 21    | 115   |
| GL-1-300 | 34    | 24    | 135   |



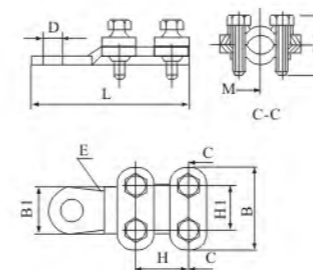
**GTY Cable Tubes**

| Item No. | D(mm) | d(mm) | L(mm) |
|----------|-------|-------|-------|
| GTY-1.5  | 3.7   | 1.8   | 20    |
| GTY-2.5  | 4     | 2.5   | 20    |
| GTY-4    | 4.8   | 3.1   | 20    |
| GTY-5.5  | 5.5   | 3.8   | 25    |
| GTY-10   | 6.8   | 4.8   | 30    |
| GTY-16   | 7.5   | 5.5   | 35    |
| GTY-25   | 9     | 7     | 40    |
| GTY-35   | 10.5  | 8.2   | 45    |
| GTY-50   | 12.5  | 9.8   | 50    |
| GTY-70   | 14.5  | 11.5  | 55    |
| GTY-95   | 17.5  | 13.5  | 60    |
| GTY-120  | 19.5  | 15    | 65    |
| GTY-150  | 21    | 16.5  | 70    |
| GTY-185  | 23.5  | 18.5  | 75    |
| GTY-240  | 26.5  | 21    | 80    |
| GTY-300  | 30    | 24    | 85    |
| GTY-400  | 34    | 27    | 90    |
| GTY-500  | 38    | 30    | 100   |
| GTY-630  | 45    | 35    | 110   |
| GTY-800  | 50    | 39    | 150   |
| GTY-1000 | 56    | 44    | 170   |



**Copper Jointing Clamps**

| Item No. | Conductor(mm <sup>2</sup> ) | Dimensions(mm) |      |      |      |      |      |      |   |
|----------|-----------------------------|----------------|------|------|------|------|------|------|---|
|          |                             | L              | L1   | B    | B1   | H    | H1   | D    | M |
| WCJB-1   | 16-25                       | 39.5           | 15   | 25   | 16.5 | 13   | 13   | 8.5  | 5 |
| WCJB-2   | 16-25                       | 45             | 15   | 22   | 18   | 13   | 13   | 8.8  | 5 |
| WCJB-3   | 25-35                       | 52.5           | 15   | 24.5 | 21.2 | 13.5 | 13.5 | 10.5 | 5 |
| WCJB-4   | 50-70                       | 61             | 21   | 31   | 23   | 18.5 | 18.5 | 10.5 | 6 |
| WCJB-5   | 70-95                       | 69             | 24   | 35   | 23.5 | 20   | 20   | 10.5 | 6 |
| WCJB-6   | 95-120                      | 74             | 20.5 | 42   | 28.5 | 22.5 | 22.5 | 13.5 | 7 |
| WCJB-7   | 120-150                     | 73.5           | 30   | 41   | 27   | 24   | 24   | 13.5 | 8 |
| WCJB-8   | 150-185                     | 76             | 30   | 42   | 28   | 24.5 | 24.5 | 13.5 | 8 |
| WCJB-9   | 185-240                     | 80             | 32   | 44   | 30   | 25   | 25   | 13.5 | 8 |



### Modified Parallel Groove Clamp

JBL, JBT, JB-TL series modified parallel groove clamp is suitable for overhead line, no bearing force connection and branch, with insulated cover forms a complete set for safety purpose.

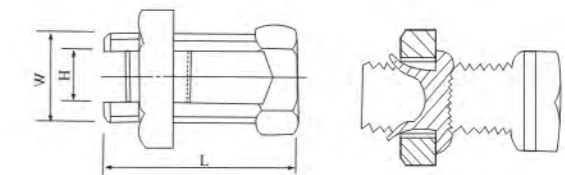
| Product name                                   | Item No.     | Conductor |
|------------------------------------------------|--------------|-----------|
| Modified aluminum parallel groove clamp        | JBL-16-120A  | 16-120    |
|                                                | JBL-16-120B  | 16-120    |
|                                                | JBL-50-240A  | 50-240    |
|                                                | JBL-50-240A  | 50-240    |
| Modified copper-aluminum parallel groove clamp | JBL-120-300B | 120-300   |
|                                                | JB-TL-16-120 | 16-120    |
| Modified copper parallel groove clamp          | JB-TL-50-240 | 50-240    |
|                                                | JBT-16-120   | 16-120    |
|                                                | JBT-50-240   | 50-240    |



### Copper Bolt Connectors

It is suitable for the sequence and transportation of all kinds of conductor in electric netting, made of copper.

| Item No.    | L     | W       | H  | S  |
|-------------|-------|---------|----|----|
| T/J-16      | 20    | M17×2.5 | 6  | 18 |
| T/J-25      | 27    | M19×2.5 | 7  | 20 |
| T/J-35      | 35    | M21×2.5 | 7  | 22 |
| T/J-50-70   | 42    | M23×2.5 | 11 | 24 |
| T/J-90-120  | 45    | M25×2.5 | 14 | 26 |
| T/J-150-185 | 60    | M29×2.5 | 17 | 30 |
| T/J-200-240 | 62,72 | M31×2.5 | 20 | 32 |



### T Type Clamp With Insulation Cover

JTL, JTT, JTG series T type clamp is suitable for 10KV built in stilts insulated cable of branch connection. It is also used for power plant, transformer substation electric equipment and built on stilts generatrix of T Type connection. Insulated cover and forms a complete set for safety purpose.

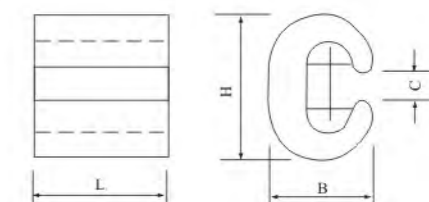
| Item No.        | Main Conductor (mm <sup>2</sup> ) | Branch Conductor |
|-----------------|-----------------------------------|------------------|
| JTL, JTT, JTG-1 | 35-50                             | 35               |
| JTL, JTT, JTG-2 | 70-95                             | 70               |
| JTL, JTT, JTG-3 | 120-150                           | 120              |
| JTL, JTT, JTG-4 | 185-240                           | 180              |



### C Shape Copper Wire Clamp

It is suitable for the connection of copper splicing wire, made of C-shape copper material.

| Item No. | Conductor (mm <sup>2</sup> ) | H    | B    | L  | C    |
|----------|------------------------------|------|------|----|------|
| CCA-1    | 25-35                        | 25   | 15   | 22 | 10   |
| CCA-2    | 25-50                        | 34   | 22   | 24 | 11   |
| CCA-3    | 50-70                        | 34   | 21.5 | 25 | 11   |
| CCA-4    | 70-70                        | 34   | 22   | 25 | 11   |
| CCA-5    | 95-95                        | 41   | 25   | 29 | 14.5 |
| CCA-6    | 95-120                       | 47.5 | 29   | 30 | 16   |



**Aluminium Cable Clamps**

| Item No. | Size(mm <sup>2</sup> ) | Sort        |
|----------|------------------------|-------------|
| APG-A    | Al 16-70               | Single bolt |
| APG-B1   | Al 16-35               | Double bolt |
| APG-B2   | Al 16-70               | Double bolt |
| APG-B3   | Al 16-150              | Double bolt |
| APG-B4   | Al 16-300              | Double bolt |



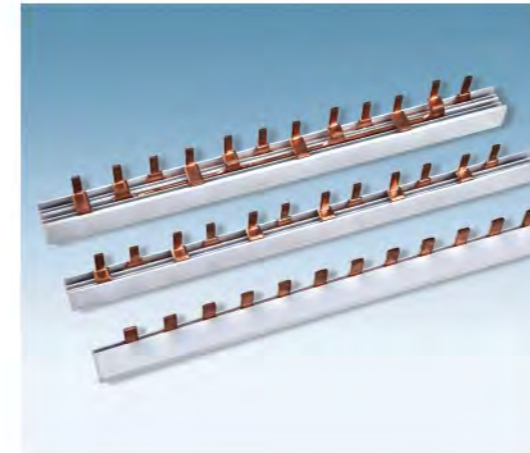
**Metal Cable Clamps**

| Item No. | Size(mm <sup>2</sup> ) | Sort        |
|----------|------------------------|-------------|
| CAPG-A1  | Cu 6-50 Al 16-70/12    | Single bolt |
| CAPG-A2  | Cu 10-95 Al 25-150     | Single bolt |
| CAPG-B1  | Cu 6-50 Al 16-70/12    | Double bolt |
| CAPG-B2  | Cu 10-95 Al 25-150     | Double bolt |
| CAPG-C1  | Cu 16-120 Al 16-120    | Double bolt |
| CAPG-C2  | Cu 50-240 Al 50-240    | Double bolt |
| CAPG-D   | Cu 35-240 Al 35-300    | Tri- bolt   |



**JAPG Aluminium Cable Clamps**

| Item No. | Size(mm <sup>2</sup> ) | Sort        |
|----------|------------------------|-------------|
| JAPG-1   | Al 25-35               | Double bolt |
| JAPG-2   | Al 50-70               | Double bolt |
| JAPG-3   | Al 95-120              | Double bolt |



**MCB Busbar(Pin-Type)**

**Function:** The busbar eases wiring of electrical item,enlarges connection area, decreases temperature rise and increases the electrical reliability of electrical items.

**Material:** flame retardant PVC and copper.

**Length:** 1 meter ,other length option is also available.

| Item No. | Pole No. | Rated Current | Rated Voltage | Number of Modules | Cross Section (mm) | Length (mm) | Diagram |
|----------|----------|---------------|---------------|-------------------|--------------------|-------------|---------|
| MBP-1    | 1        | 63A<br>100A   | 240/415V      | 54×1              | 20                 | 1000        |         |
| MBP-2    | 2        | 63A<br>100A   | 240/415V      | 27×2              | 20                 | 1000        |         |
| MBP-3    | 3        | 63A<br>100A   | 240/415V      | 18×3              | 20                 | 1000        |         |
| MBP-4    | 4        | 63A<br>100A   | 240/415V      | 14×4              | 20                 | 1000        |         |

**MCB Busbar(U-Type)**

**Function:** The busbar eases wiring of electrical item,enlarges connection area, decreases temperature rise and increases the electrical reliability of electrical items.

**Material:** flame retardant PVC and copper.

**Length:** 1 meter ,other length option is also available.

| Item No. | Pole No. | Rated Current | Rated Voltage | Number of Modules | Cross Section (mm) | Length (mm) | Diagram |
|----------|----------|---------------|---------------|-------------------|--------------------|-------------|---------|
| MBU-1    | 1        | 63A<br>100A   | 240/415V      | 54×1              | 20                 | 1000        |         |
| MBU-2    | 2        | 63A<br>100A   | 240/415V      | 27×2              | 20                 | 1000        |         |
| MBU-3    | 3        | 63A<br>100A   | 240/415V      | 18×3              | 20                 | 1000        |         |
| MBU-4    | 4        | 63A<br>100A   | 240/415V      | 14×4              | 20                 | 1000        |         |

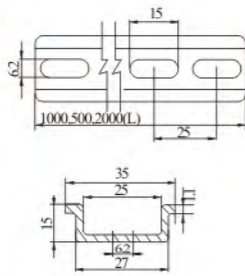
**DIN Rails**

**Application:** suitable for installing all DIN standard automatic control components.

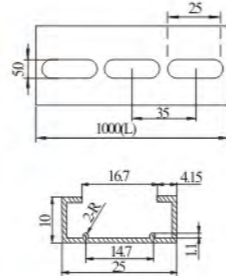
**Material:** radiant plated steel or Aluminum.

**Length:** 1 meter ,2 meters, other length is also available.

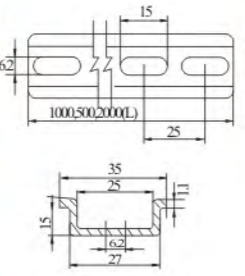
**DR-8500**



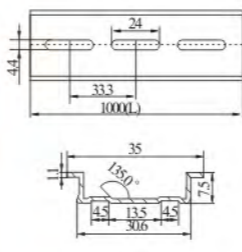
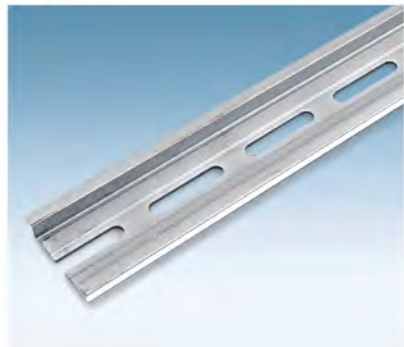
**DR-7600**



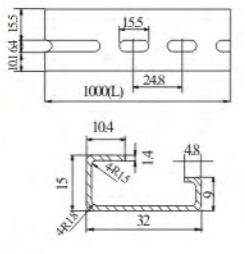
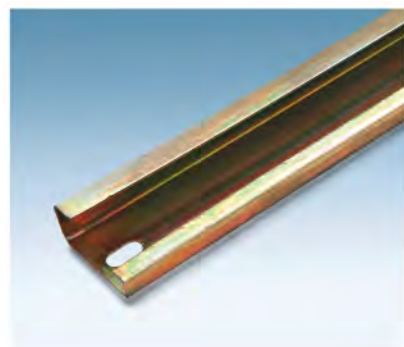
**DR-8700**



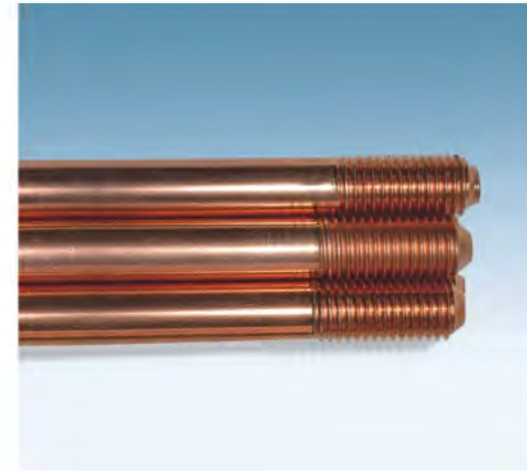
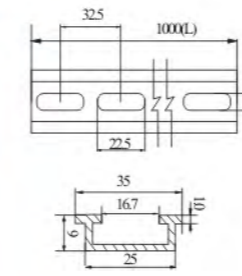
**DR-6800**



**DR-3600**



**DR-5600**



**Copper Bonded Ground Rods**

| Item No. | Length |      | Rod Dia.(mm) | Thread Size |      |
|----------|--------|------|--------------|-------------|------|
|          | ft.    | mm   |              | in.         | mm   |
| ERT 1112 | 4'     | 1200 | 11           | 1/2"        | 12.5 |
| ERT 1115 | 5'     | 1500 | 11           | 1/2"        | 12.5 |
| ERT 1118 | 6'     | 1800 | 11           | 1/2"        | 12.5 |
| ERT 1212 | 4'     | 1200 | 12.5         | 9/16"       | 14.2 |
| ERT 1215 | 5'     | 1500 | 12.5         | 9/16"       | 14.2 |
| ERT 1218 | 6'     | 1800 | 12.5         | 9/16"       | 14.2 |
| ERT 1412 | 4'     | 1200 | 14.2         | 5/8"        | 15.8 |
| ERT 1415 | 5'     | 1500 | 14.2         | 5/8"        | 15.8 |
| ERT 1418 | 6'     | 1800 | 14.2         | 5/8"        | 15.8 |
| ERT 1424 | 8'     | 2400 | 14.2         | 5/8"        | 15.8 |
| ERT 1430 | 10'    | 3000 | 14.2         | 5/8"        | 15.8 |
| ERT 1712 | 4'     | 1200 | 17.2         | 3/4"        | 19.0 |
| ERT 1715 | 5'     | 1500 | 17.2         | 3/4"        | 19.0 |
| ERT 1718 | 6'     | 1800 | 17.2         | 3/4"        | 19.0 |
| ERT 1724 | 8'     | 2400 | 17.2         | 3/4"        | 19.0 |
| ERT 1730 | 10'    | 3000 | 17.2         | 3/4"        | 19.0 |

**Lightning Rod (Copper)**

| Item No. | Dimensions (mm) |     |     |     |     |
|----------|-----------------|-----|-----|-----|-----|
|          | H               | H1  | H2  | H3  | D   |
| LRC01    | 380             | 250 | 130 | 90  | 100 |
| LRC02    | 550             | 420 | 130 | 140 | 100 |
| LRC03    | 1000            | 870 | 130 | 300 | 100 |



**Lightning Rod**

| Item No. | Rod Length mm | Rod Dia. mm | Thread Dia.  | Material     |
|----------|---------------|-------------|--------------|--------------|
| LRC314   | 300           | 14          | 5/8"         | Copper/Brass |
| LRC514   | 500           | 14          | 5/8"         | Copper/Brass |
| LRC515   | 500           | 15          | 5/8" or 16mm | Copper/Brass |
| LRC5515  | 550           | 15          | 5/8" or 16mm | Copper/Brass |
| LRC516   | 500           | 16          | 5/8" or 16mm | Copper/Brass |
| LRC5516  | 550           | 16          | 5/8" or 16mm | Copper/Brass |
| LRC1016  | 1000          | 16          | 5/8" or 16mm | Copper/Brass |



**Lightning Rod Base**

| Item No. | Rod Dia. mm | Thread Dia. mm | Max. Conductor width mm | Material     |
|----------|-------------|----------------|-------------------------|--------------|
| DC312    | 12          | 12             | 25                      | Copper/Brass |
| DC515    | 15          | 16             | 25                      | Copper/Brass |
| DA312    | 12          | 12             | 25                      | Aluminum     |
| DA515    | 15          | 16             | 25                      | Aluminum     |



**Ground Rod Coupler**

| Item No. | Length | Suitable for Rod Dia. |
|----------|--------|-----------------------|
| RC12     | 60mm   | 12.5mm(1/ 2")         |
| RC16     | 70mm   | 16mm(5/ 8")           |
| RC19     | 70mm   | 19mm(3/ 4")           |



**Ground Rod Clamp**

| Item No. | Rod Dia. |      | Max. conductor |
|----------|----------|------|----------------|
|          | mm       | inch |                |
| GRC12    | 12.5     | 1/2" | 26X12mm        |
| GRC16    | 16       | 5/8" | 26X12mm        |
| GRC19    | 19       | 3/4" | 26X10mm        |



**Ground Rod Clamp**

| Item No. | Rod Dia. |      | Max. conductor       |
|----------|----------|------|----------------------|
|          | mm       | inch |                      |
| GCC12    | 12.5     | 1/2" | 16-50mm <sup>2</sup> |
| GCC16    | 16       | 5/8" | 16-70mm <sup>2</sup> |
| GCC19    | 19       | 3/4" | 16-95mm <sup>2</sup> |



**U-Bolt Rod Clamp(double plates)**

| Item No. | Rod Dia. |    | Material     |
|----------|----------|----|--------------|
|          | inch     | mm |              |
| URC-2-16 | 5/8"     | 16 | Copper/brass |
| URC-2-20 | 3/4"     | 20 | Copper/brass |



**U-Bolt Rod Clamp**

| Item No. | Rod Dia. (mm) | Conductor mm <sup>2</sup> | Material     |
|----------|---------------|---------------------------|--------------|
| URC-3-16 | 14.2-17.2     | 16-70                     | Copper/brass |
| URC-3-70 | 18-25         | 70-185                    | Copper/brass |



**U-Bolt Rod Clamp**

| Item No. | Rod Dia. (mm) | Conductor mm <sup>2</sup> | Material     |
|----------|---------------|---------------------------|--------------|
| URC-4-10 | 9.5           | 6-35                      | Copper/brass |
| URC-4-14 | 14            | 16-95                     | Copper/brass |
| URC-4-16 | 16            | 16-95                     | Copper/brass |



**Square Tape Clamp**

| Item No. | Conductor Size (mm) | Material     |
|----------|---------------------|--------------|
| ASC253   | 25X3                | Aluminum     |
| CSC253   | 25X3                | Copper/brass |



**Heavy Duty Cast Cable Saddle**

| Item No. | Conductor Dia (mm) | Suitable Conductor | Material |
|----------|--------------------|--------------------|----------|
| HDCS50   | 50                 | Bare copper        | Brass    |
| HDCS70   | 70                 | Bare copper        | Brass    |
| HDCS95   | 95                 | Bare copper        | Brass    |
| HDCS08   | 8                  | Bare copper        | Brass    |



**B Bond**

| Item No. | Conductor mm | Material     |
|----------|--------------|--------------|
| BBC      | 25X3         | Copper/Brass |
| BBA      | 25X3         | Aluminium    |



**Industrial Plug & Socket**



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 110-130V~  
 No.poles: 2P+E  
 Code:  $\frac{013-4}{023-4}$   
 Protection degree:IP44



Nominal current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 240-415V~  
 No.poles: 3P+N+E  
 Code:  $\frac{035}{045}$   
 Protection degree:IP67



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code:  $\frac{013}{023}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code:  $\frac{213-4}{223-4}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles: 3P+E  
 Code:  $\frac{014}{024}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code:  $\frac{213}{223}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles: 3P+N+E  
 Code:  $\frac{015}{025}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles: 3P+E  
 Code:  $\frac{214}{224}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code:  $\frac{033}{043}$   
 Protection degree:IP67



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles: 3P+N+E  
 Code:  $\frac{215}{225}$   
 Protection degree:IP44



Nominal current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles: 3P+E  
 Code:  $\frac{034}{044}$   
 Protection degree:IP67

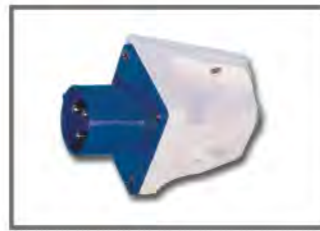


Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 110-130V~  
 No.poles: 2P+E  
 Code:  $\frac{213L-4}{223L-4}$   
 Protection degree:IP44

**Industrial Plug & Socket**



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code:  $\frac{213L}{223L}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code:  $\frac{513}{523}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:   
 Code:  $\frac{214L}{224L}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:   
 Code:  $\frac{514}{524}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles:   
 Code:  $\frac{215L}{225L}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles:   
 Code:  $\frac{515}{525}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 110-130V~  
 No.poles:   
 Code:  $\frac{013L-4}{023L-4}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code:  $\frac{113}{123}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code:  $\frac{013L}{023L}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:   
 Code:  $\frac{114}{124}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:   
 Code:  $\frac{014L}{024L}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380~  
 240-415~  
 No.poles:   
 Code:  $\frac{115}{125}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles:   
 Code:  $\frac{015L}{025L}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code:  $\frac{133}{143}$   
 Protection degree:IP67

**Industrial Plug & Socket**



Nominal Current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:   
 Code:  $\frac{134}{144}$   
 Protection degree:IP67



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code:  $\frac{313}{323}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles:   
 Code:  $\frac{135}{145}$   
 Protection degree:IP67



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:   
 Code:  $\frac{314}{324}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 110-130V~  
 No.poles:   
 Code:  $\frac{413-4}{423-4}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles:   
 Code:  $\frac{315}{325}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code:  $\frac{413}{423}$   
 Protection degree:IP44



Nominal Current(A): 16A  
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code: 112  
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:   
 Code:  $\frac{414}{424}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:   
 Code:  $\frac{233}{243}$   
 Protection degree:IP67



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-415V~  
 240-415V~  
 No.poles:   
 Code:  $\frac{415}{425}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:   
 Code:  $\frac{234}{244}$   
 Protection degree:IP67



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 110V-130V~  
 No.poles:   
 Code:  $\frac{313-4}{323-4}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{63A}{125A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles:   
 Code:  $\frac{235}{245}$   
 Protection degree:IP67

**Industrial Plug & Socket**



Code: 1012  
 Input: 1 Plug  
 16A 110V 2P+E  
 Output: 2 Connector  
 16A 220V  
 2P+E  
 Protection Degree: IP44



Code: 1013-4  
 Input: 1 Plug  
 16A 110V 2P+E  
 Output: 3 Connector  
 16A 220V  
 2P+E  
 Protection Degree: IP44



Code: 1013  
 Input: 1 Plug  
 16A 110V 2P+E  
 Output: 3 Connector  
 16A 220V  
 2P+E  
 Protection Degree: IP44



Nominal Current(A): 16A  
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code: 012  
 Protection degree:IP44



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 200-250V~  
 No.poles: 2P+E  
 Code: 0132  
 0232  
 Protection degree:IP67



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 380-415V~  
 No.poles: 3P+E  
 Code: 0142  
 0242  
 Protection degree:IP67



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles: 3P+N+E  
 Code: 0152  
 0252  
 Protection degree:IP67



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code: 2132  
 2232  
 Protection degree:IP67



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 380-415V~  
 No.poles: 3P+E  
 Code: 2142  
 2242  
 Protection degree:IP67



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles: 3P+N+E  
 Code: 2152  
 2252  
 Protection degree:IP67

**Industrial Plug & Socket**



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code: 1132  
 1232  
 Protection degree:IP67



Nominal Current(A): 380-415V~  
 Nominal Voltage(V): 16A  
 32A  
 No.poles: 3P+E  
 Code: 1142  
 1242  
 Protection degree:IP67



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles: 3P+N+E  
 Code: 1152  
 1252  
 Protection degree:IP67



Nominal Current(A): 16A  
 Nominal Voltage(V): 220-240V~  
 No.poles: 2P+E  
 Code: 1312  
 Protection degree:IP44



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 110V~  
 No.poles: 2P+E  
 Code: 0133-4  
 0233-4  
 Protection degree:IP44



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code: 0133  
 0233  
 Protection degree:IP44



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 380-415V~  
 No.poles: 3P+E  
 Code: 0143  
 0243  
 Nominal Current(A): 16A  
 32A  
 Protection degree:IP44



Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles: 3P+N+E  
 Code: 0153  
 0253  
 Protection degree:IP44



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 110-130V~  
 No.poles: 2P+E  
 Code: 2133-4  
 2233-4  
 Protection degree:IP44



Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 220-250V~  
 No.poles: 2P+E  
 Code: 2133  
 2233  
 Protection degree:IP44




Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 380-415V~  
 No.poles: 3P+E  
 Code: 2143  
 2243  
 Protection degree:IP44




Nominal Current(A): 16A  
 32A  
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles: 3P+N+E  
 Code: 2153  
 2253  
 Protection degree:IP44

Industrial Plug & Socket




Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:  2P+E  
 Code:  $\frac{013N}{023N}$   
 Protection degree:IP44




Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380~  
 240-415~  
 No.poles:  3P+N+E  
 Code:  $\frac{115N}{125N}$   
 Protection degree:IP44




Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:  3P+E  
 Code:  $\frac{014N}{024N}$   
 Protection degree:IP44




Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:  2P+E  
 Code:  $\frac{213N}{223N}$   
 Protection degree:IP44




Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles:  3P+N+E  
 Code:  $\frac{015N}{025N}$   
 Protection degree:IP44




Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:  3P+E  
 Code:  $\frac{214N}{224N}$   
 Protection degree:IP44




Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-250V~  
 No.poles:  2P+E  
 Code:  $\frac{113N}{123N}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 220-380V~  
 240-415V~  
 No.poles:  3P+N+E  
 Code:  $\frac{215N}{225N}$   
 Protection degree:IP44



Nominal Current(A):  $\frac{16A}{32A}$   
 Nominal Voltage(V): 380-415V~  
 No.poles:  3P+E  
 Code:  $\frac{114N}{124N}$   
 Protection degree:IP44