

Terminal Blocks and Wire Connectors

(단자대와 와이어 커넥터)

| | |
|---|---------|
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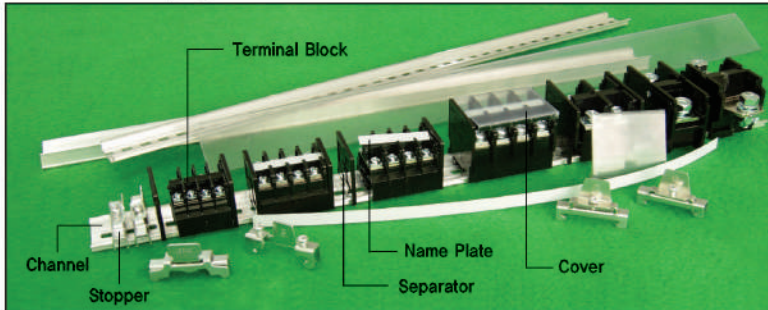
TERMINAL BLOCKS-JOTN (조립식 단자대)



- Material : • Body - Polycarbonate
- Guide - Nickel Plated Brass
- Support Terminal - Zinc Plated Steel
- Screw - Zinc Plated Steel
- Spring - Steel
- Flammability : UL 94 V-0

| Part Number | Dimensions (mm) | Spec.,Accessories | |
|-------------|-----------------|-------------------|------------|
| JOTN 15A | | SPEC. | Rating |
| | | Current | 15A |
| | | Wire Size | MAX 2.5mm² |
| | | ACCESSORY | Part No. |
| | | SEPARATOR | JTAN 15 |
| | | NAME PLATE | JTNN 1 |
| | | COVER | JTCN 1 |
| | | | |
| JOTN 25A | | SPEC. | Rating |
| | | Current | 25A |
| | | Wire Size | MAX 6mm² |
| | | ACCESSORY | Part No. |
| | | SEPARATOR | JTAN 25 |
| | | NAME PLATE | JTNN 1 |
| | | COVER | JTCN 1 |
| | | | |
| JOTN 35A | | SPEC. | Rating |
| | | Current | 35A |
| | | Wire Size | MAX 10mm² |
| | | ACCESSORY | Part No. |
| | | SEPARATOR | JTAN 35 |
| | | NAME PLATE | JTNN 1 |
| | | COVER | JTCN 1 |
| | | | |
| JOTN 60A | | SPEC. | Rating |
| | | Current | 60A |
| | | Wire Size | MAX 16mm² |
| | | ACCESSORY | Part No. |
| | | SEPARATOR | JTAN 60 |
| | | NAME PLATE | JTNN 1 |
| | | COVER | JTCN 2 |
| | | | |
| JOTN 100A | | SPEC. | Rating |
| | | Current | 100A |
| | | Wire Size | MAX 35mm² |
| | | ACCESSORY | Part No. |
| | | SEPARATOR | JTAN 100 |
| | | NAME PLATE | JTNN 1 |
| | | COVER | JTCN 2 |
| | | | |
| JOTN 150A | | SPEC. | Rating |
| | | Current | 150A |
| | | Wire Size | MAX 50mm² |
| | | ACCESSORY | Part No. |
| | | NAME PLATE | JTNN 1 |
| | | COVER | JTCN 3 |
| | | | |
| JOTN 200A | | SPEC. | Rating |
| | | Current | 200A |
| | | Wire Size | MAX 95mm² |
| | | ACCESSORY | Part No. |
| | | NAME PLATE | JTNN 1 |
| | | COVER | JTCN 3 |
| | | | |

TERMINAL BLOCK ACCESSORY (단자대 부품 - 스톱바, 세파레타) Accessory part name



Separator

MATERIAL : Polycarbonate

| Part Number | Terminal Block | Thickness |
|-------------|----------------|-----------|
| JTAN 15A | JOTN 15A | 2.5 |
| JTAN 25A | JOTN 25A | 2.5 |
| JTAN 35A | JOTN 35A | 2.5 |
| JTAN 60A | JOTN 60A | 3.5 |
| JTAN 100A | JOTN 100A | 4.0 |



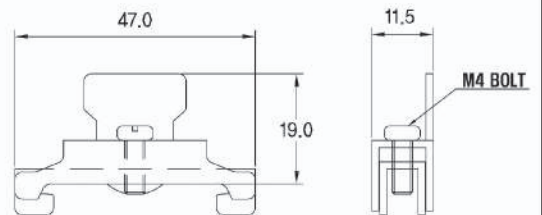
Stopper • Material : Steel • Surface : Zinc plated

JTSN-1



JTSN-4S

※특허출원

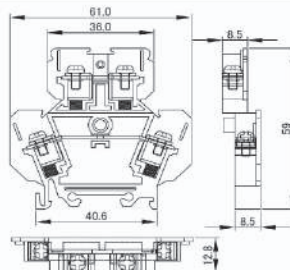
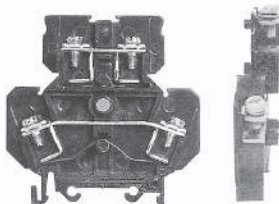


TERMINAL BLOCKS-TWO FLOOR JOTN JOTN (2단 단자대)



- Material : • Body - Polycarbonate
- Guide - Nickel Plated Brass
- Support Terminal - Zinc Plated Steel
- Screw - Zinc Plated Steel
- Spring - Steel
- Flammability : UL 94 V-0

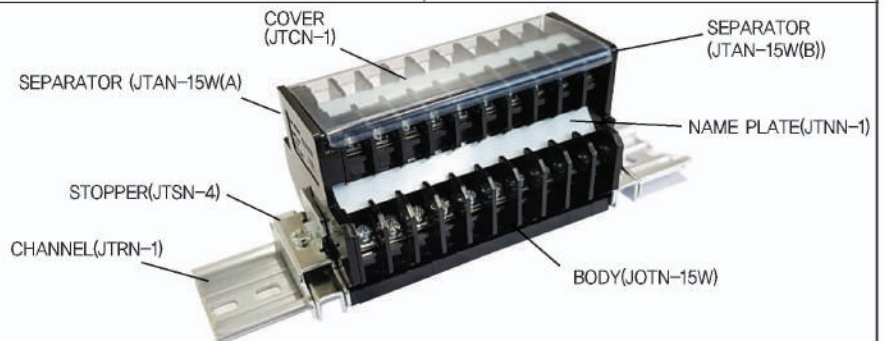
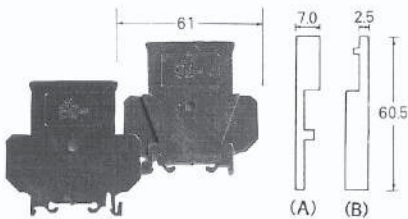
● JOTN-15W



| SPEC. | Rating |
|------------|------------------------|
| Current | 15A |
| Wire Size | MAX 2.5mm ² |
| ACCESSORY | Part No. |
| SEPARATOR | JTAN - 15W |
| NAME PLATE | JTNN - 1 |
| COVER | JTCN - 1 |

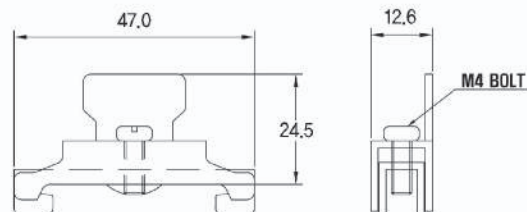
● SEPARATOR : JTAN-15W (A) (B)

- Material : Polycarbonate



● STOPPER

- Metal : Steel
- Surface : Zinc plated



JTSN-4

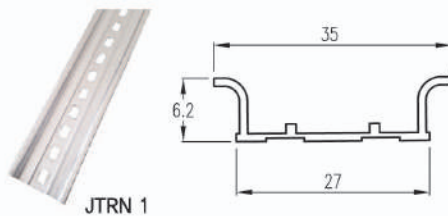
※특허출원

TERMINAL BLOCK ACCESSORY (단자대 부품 - 채널, 표시지, 카바)

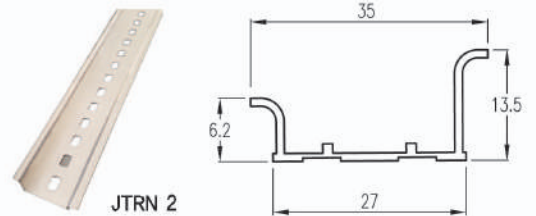
Channel

Material : Al

| Part No. | Size(W×L) |
|----------|-------------|
| JTRN 1 | 35×1000(수평) |
| JTRN 2 | 35×1000(대각) |



JTRN 1



JTRN 2

* 2M Length is able to provide 2M by Customer's need.

Name Plate

Material : Polyvinyl chloride

| Part No. | Size(W×L×T) |
|----------|-------------|
| JTNN 1 | 8.5×500×0.5 |

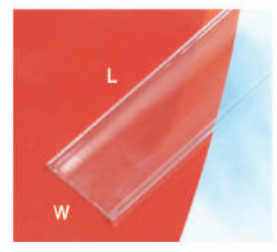


* Length is able to provide ordering by Customer's need.

Cover

Material : Polycarbonate

| Part No. | Size(W×L) |
|----------|-----------|
| JTCN 1 | 38×1000 |
| JTCN 2 | 45×1000 |
| JTCN 3 | 68×1000 |



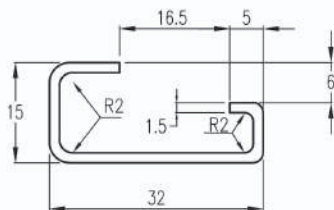
* 2M Length is able to provide 2M by Customer's need.

Din rail (단레일)

- The design of the DIN rails complies with EN 60715
- Particular attention has been paid to a high degree of dimensional accuracy and surface tempering
- Material : Steel
- Surface : Zinc plated
- Length : 1000mm

DIN 'G' Rail 32/15

- Screw Width : M6
- Hole Spacing : 15mm

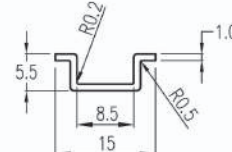


Part No : JTRN 3215



DIN Rail 15/5.5

- Screw Width : M4
- Hole Spacing : 15mm

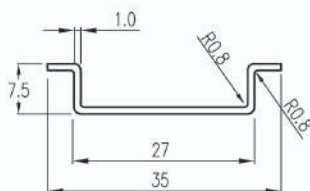


Part No : JTRN 1555



DIN Rail 35/7.5

- Screw Width : M6
- Hole Spacing : 15mm

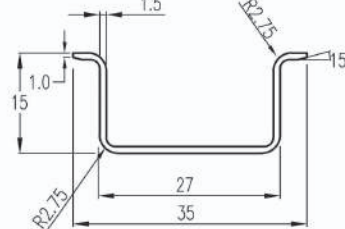


Part No : JTRN 3575
(JTRN 4)



DIN Rail 35/15

- Screw Width : M6
- Hole Spacing : 15mm



Part No : JTRN 3515

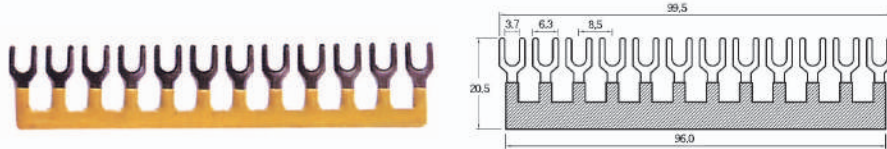


- ※ Available for M4, M5, M6 screw width and other hole spacing
- ※ Available for Un-perforated type
- ※ 2M Length is able to provide 2M by Customer's need.

SHORT BAR (쇼트바)

- Metal : Brass
- Surface : Nickel Plated
- PVC Coating (UL94 V-0)
- Color : Red, Blue, Yellow, Black

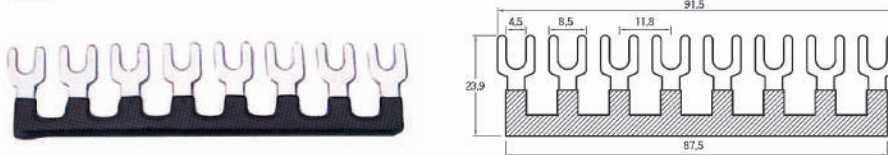
JOST-1512



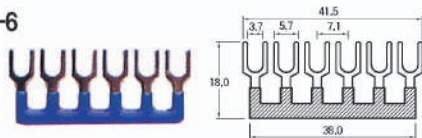
JOST-256



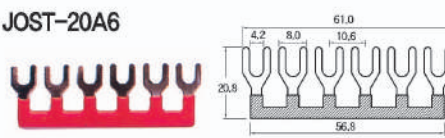
JOST-358



JOST-6



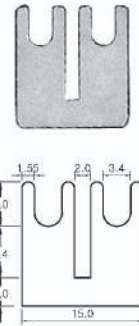
JOST-20A6



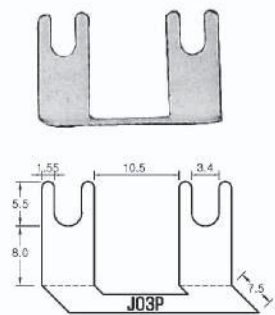
NON-COATED SHORT BAR

- Metal : Electrolytic Copper
- Surface : Tin Plated

JOST-152



JOST-153

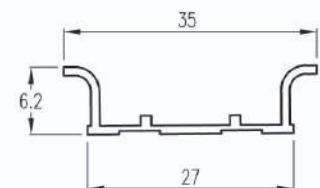


CHANNEL and DIN RAIL CUTTER (채널 절단공구)

- For aluminum channel and DIN rail
- Using a lever mechanism that requires minimum effort
- The length can be set exactly using an end-stop and the embedded millimeter guide on the machine
- Other shape of channel or DIN rail is available

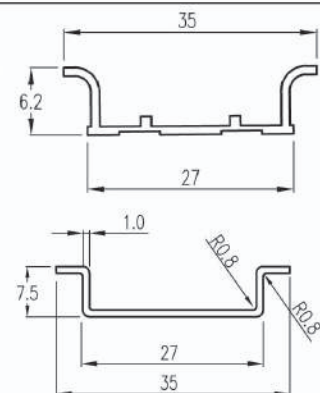
JCCT-1 (For JTRN-1)

- One type channel available



JCCT-2 (For JTRN-1, JTRN-4)

- Two type channel available(aluminum, DIN rail)



JCCT-3

- Three type channel available(special order)

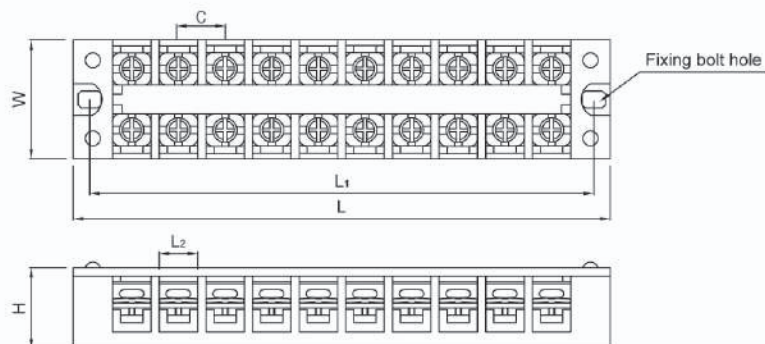


※ This cutting tool is only for use "Jeono channel and DIN Rail".

FIXING TERMINAL BLOCK (고정식 단자대)

TYPE – JOTB

- Material : Body - Polycarbonate (PC)
Contact - Brass (Zinc-chromate plated)
Cover - Polycarbonate (PC)
- Flammability : UL 94 V-0



• Electrical informations

- Voltage Rating : 600V
- Withstanding Voltage : AC 2500V
- Insulation Resistance : 100M Ω over



JOTB-10A (Current Rating : 10A)

| Part Number | Form | Wire Range (AWG) | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q' ty/ Box |
|-------------|---------|------------------|-----------------|-----|-----|-----|----|----|-----------|-----------------------|------------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 10-10 | 10A-10P | #22~#14 | 91 | 6.5 | 8.2 | 100 | 26 | 18 | M3 | 4.5 | 20 |

JOTB-20A (Current Rating : 20A)

| Part Number | Form | Wire Range (AWG) | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q' ty/ Box |
|-------------|---------|------------------|-----------------|-----|------|-------|----|----|-----------|-----------------------|------------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 20-3 | 20A-3P | #22~#10 | 42 | 8.5 | 10.5 | 50.5 | 30 | 22 | M4 | 4.5 | 20 |
| JOTB 20-4 | 20A-4P | | 52.5 | | | 61 | | | | | |
| JOTB 20-6 | 20A-6P | | 73 | | | 82 | | | | | |
| JOTB 20-10 | 20A-10P | | 115.5 | | | 123.5 | | | | | |
| JOTB 20-12 | 20A-12P | | 136 | | | 145 | | | | | |
| JOTB 20-15 | 20A-15P | | 168 | | | 177 | | | | | |
| JOTB 20-20 | 20A-20P | | 220 | | | 230 | | | | | |

JOTB-30A (Current Rating : 30A)

| Part Number | Form | Wire Range (AWG) | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q' ty/ Box |
|-------------|---------|------------------|-----------------|----|------|------|----|----|-----------|-----------------------|------------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 30-3 | 30A-3P | #18~#10 | 48 | 10 | 12.8 | 56.5 | 32 | 22 | M4 | 4.5 | 20 |
| JOTB 30-4 | 30A-4P | | 58.5 | | | 69 | | | | | |
| JOTB 30-6 | 30A-6P | | 85 | | | 94 | | | | | |
| JOTB 30-10 | 30A-10P | | 136 | | | 144 | | | | | |
| JOTB 30-12 | 30A-12P | | 161 | | | 170 | | | | | |

JOTB-45A (Current Rating : 45A)

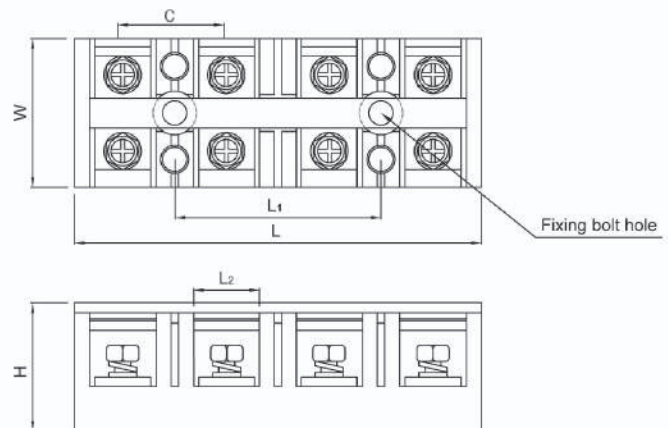
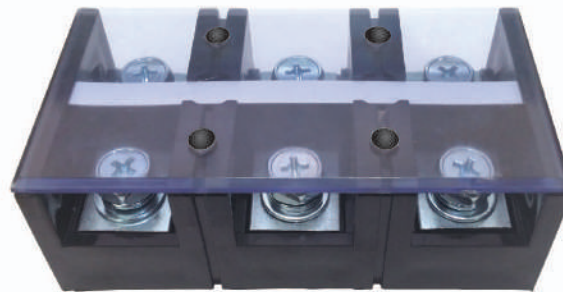
| Part Number | Form | Wire Range (AWG) | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q' ty/ Box |
|-------------|---------|------------------|-----------------|----|------|-----|----|----|-----------|-----------------------|------------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 45-10 | 45A-10P | #18~#8 | 163.5 | 12 | 15.2 | 172 | 38 | 27 | M5 | 4.5 | 20 |

FIXING TERMINAL BLOCK (고정식 단자대) TYPE – JOTB

- Material : Body - Polycarbonate (PC)
Contact - Brass (Zinc-chromate plated)
Cover - Polycarbonate (PC)
- Flammability : UL 94 V-0

• Electrical informations

- Voltage Rating : 600V
- Withstanding Voltage : AC 2500V
- Insulation Resistance : 100M Ω over



JOTB-60A (Current Rating : 60A)

| Part Number | Form | Wire Range (AWG) | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q' ty/ Box |
|-------------|--------|------------------|-----------------|----|----|-----|----|----|-----------|-----------------------|------------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 60-3 | 60A-3P | #18~#6 | 28 | 18 | 28 | 82 | 40 | 34 | M6 | 5.5 | 20 |
| JOTB 60-4 | 60A-4P | | 56 | | | 108 | | | | | |

JOTB-100A (Current Rating : 100A)

| Part Number | Form | Wire Range (AWG)Form | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q' ty/ Box |
|-------------|---------|----------------------|-----------------|----|----|-----|----|----|-----------|-----------------------|------------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 100-3 | 100A-3P | #14~#2 | 35 | 24 | 36 | 104 | 55 | 41 | M8 | 6.5 | 10 |
| JOTB 100-4 | 100A-4P | | 70 | | | 137 | | | | | |

JOTB-150A (Current Rating : 150A)

| Part Number | Form | Wire Range (AWG)Form | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q' ty/ Box |
|-------------|---------|----------------------|-----------------|----|----|-----|----|----|-----------|-----------------------|------------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 150-3 | 150A-3P | #10~#2 | 38 | 25 | 38 | 112 | 66 | 43 | M8 | 7 | 10 |
| JOTB 150-4 | 150A-4P | | 76 | | | 149 | | | | | |

JOTB-200A (Current Rating : 200A)

| Part Number | Form | Wire Range (AWG)Form | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q' ty/ Box |
|-------------|---------|----------------------|-----------------|------|----|-----|----|----|-----------|-----------------------|------------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 200-3 | 200A-3P | #10~#2 | 45 | 30.5 | 45 | 130 | 73 | 48 | M9 | 7 | 10 |
| JOTB 200-4 | 200A-4P | | 89 | | | 174 | | | | | |

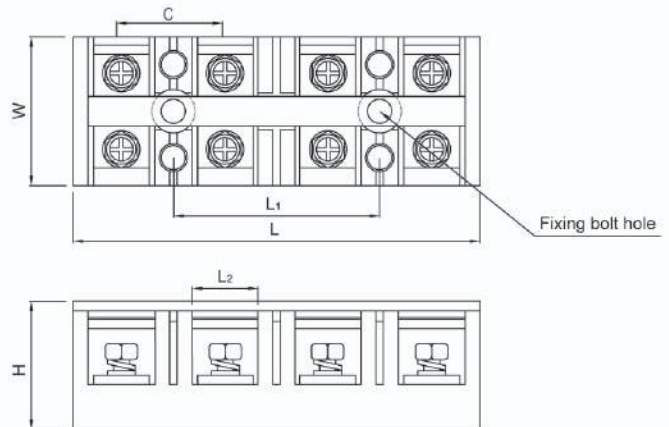
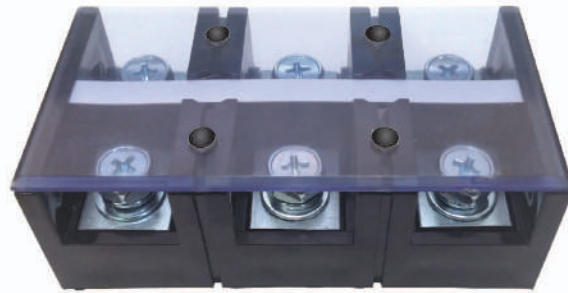
FIXING TERMINAL BLOCK (고정식 단자대)

TYPE – JOTB

- Material : Body - Polycarbonate (PC)
Contact - Brass (Zinc-chromate plated)
Cover - Polycarbonate (PC)
- Flammability : UL 94 V-0

• Electrical informations

- Voltage Rating : 600V
- Withstanding Voltage : AC 2500V
- Insulation Resistance : 100M Ω over



JOTB-300A (Current Rating : 300A)

| Part Number | Form | Wire Range (AWG) | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q'ty/Box |
|-------------|---------|------------------|-----------------|----|----|-----|----|----|-----------|-----------------------|----------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 300-3 | 300A-3P | #10~#2 | 51.5 | 34 | 52 | 151 | 80 | 53 | M10 | 7 | 5 |
| JOTB 300-4 | 300A-4P | | 103 | | | 203 | | | | | 5 |

JOTB-400A (Current Rating : 400A)

| Part Number | Form | Wire Range (AWG) | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q'ty/Box |
|-------------|---------|------------------|-----------------|----|----|-----|----|----|-----------|-----------------------|----------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 400-3 | 400A-3P | #10~#2 | 55 | 40 | 55 | 163 | 90 | 53 | M12 | 7 | 1 |
| JOTB 400-4 | 400A-4P | | 110 | | | 218 | | | | | 1 |

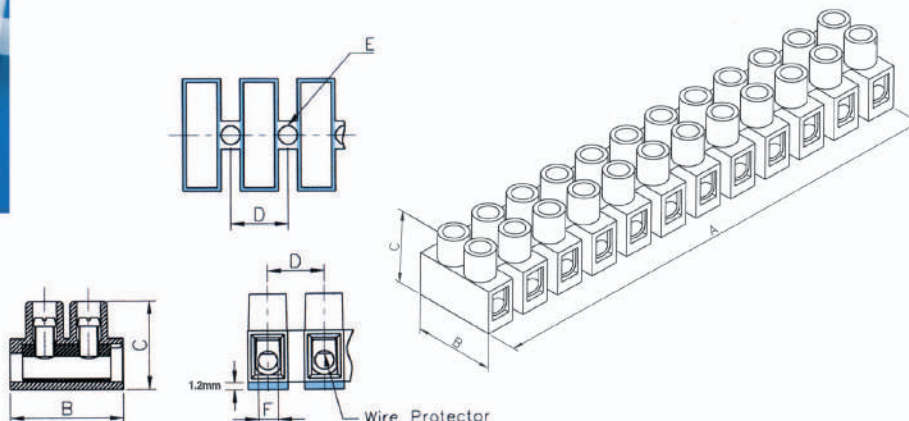
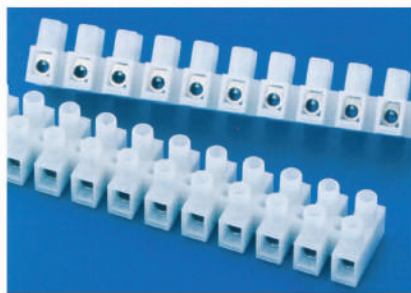
JOTB-600A (Current Rating : 600A)

| Part Number | Form | Wire Range (AWG) | Dimensions (mm) | | | | | | Bolt Size | Fixing Bolt Hole Size | Q'ty/Box |
|-------------|---------|------------------|-----------------|----|------|-----|----|----|-----------|-----------------------|----------|
| | | | L1 | L2 | C | L | W | H | | | |
| JOTB 600-3 | 600A-3P | #10~#2 | 65.5 | 46 | 65.5 | 194 | 97 | 63 | M12 | 7 | 1 |
| JOTB 600-4 | 600A-4P | | 131.5 | | | 259 | | | | | 1 |

TERMINAL BLOCKS - BRASS INSERT (하모니카 단자대)

- Base : With 1.2mm raised base.
- Material : Nylon 6.6, UL 94V-2
- Terminal Insert : Brass metal alloy, nickel plated.
- Wire Protector (DS) : Stainless spring steel.
- Screws : Zinc plated Steel Screws
- Working Temperature : -30°C -110°C (VDE), 105°C (UL)

- Voltage : PA8, PA10-450V(VDE), 300V(UL), PA12-500V(VDE), 300V(UL).
- Current : PA8-17.5A, PA10-24A, PA12-41A.(VDE)
PA8-20A, PA10-30A, PA12-35A(UL).
- Stripping Length : PA8-5.0mm, PA10-6.5mm, PA12-7.0mm
- Poles Available : 2-12Poles.
- Pre-cutting to specified number of poles is available upon request.
- Specific packing and private labeling are also available upon request.



| Part Number | Clamping Area | Wire range AWG | Screw | Dimensions(mm) | | | | | | Packing |
|-------------|--------------------|------------------------|----------|----------------|------|------|----|-----|---------|--------------------------|
| | | | | A | B | C | D | E | F | |
| PA8H | 1.5mm ² | 22-12 Sol./Str. | M2.6 x 5 | 96.2 | 17 | 14.5 | 8 | 2.9 | 2.8±0.1 | 50Pcs/Bag. 500Pcs/Carton |
| PA8HDS | | 22-12 Sol./Str. | M2.6 x 5 | 96.2 | 17 | 14.5 | 8 | 2.9 | 2.8±0.1 | 50Pcs/Bag. 500Pcs/Carton |
| PA10H | 2.5mm ² | 22-10 Sol./14-10Str. | M3.0 x 6 | 117.5 | 20.2 | 17 | 10 | 3.6 | 3.4±0.1 | 50Pcs/Bag. 500Pcs/Carton |
| PA10HDS | | 22-12 Sol./Str.10 Sol. | M3.0 x 6 | 117.5 | 20.2 | 17 | 10 | 3.6 | 3.4±0.1 | 50Pcs/Bag. 500Pcs/Carton |
| PA12H | 6.0mm ² | 22-10 Sol./Str. | M3.5 x 7 | 140.7 | 23.8 | 19 | 12 | 3.9 | 4.2±0.1 | 40Pcs/Bag. 400Pcs/Carton |
| PA12HDS | | 22-10 Sol./Str. | M3.5 x 7 | 140.7 | 23.8 | 19 | 12 | 3.9 | 4.2±0.1 | 40Pcs/Bag. 400Pcs/Carton |

TERMINAL BLOCKS - BRASS INSERT (하모니카 단자대)

- Base : With 1.2-2.5mm raised base.
- Material : Nylon 6.6, UL 94V-2
- Terminal Insert : Brass metal alloy, nickel plated.
- Wire Protector (DS) : Stainless spring steel.
- Screws : Zinc plated Steel Screws
- Working Temperature : -30°C -110°C (VDE), 105°C (UL)

- Voltage : 500V(VDE), 300V(UL)
- Current : PA14-57A, PA16-78A, PA18-101A.(VDE)
PA14-50A, PA16-68A, PA18-87A.(UL)
- Stripping Length Appr : PA14-9.0mm, PA16-10.0mm, PA18-13.0mm
- Poles Available : 2-12Poles.
- Pre-cutting to specified number of poles is available upon request.
- Specific packing and private labeling are also available upon request.



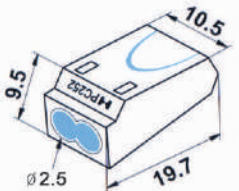
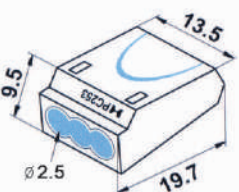
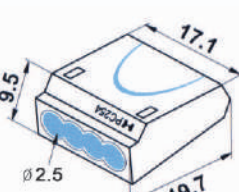
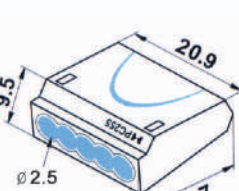
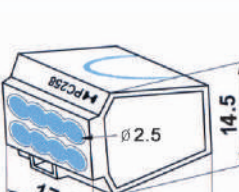
| Part Number | Clamping Area | Wire range AWG | Screw | Dimensions(mm) | | | | | | Packing |
|-------------|---------------------|----------------|----------|----------------|------|------|------|-----|---------|--------------------------|
| | | | | A | B | C | D | E | F | |
| PA14H | 10.0mm ² | 20-8 Sol./Str. | M4.0 x 9 | 158 | 25.6 | 25.2 | 13.5 | 4.4 | 5.0±0.1 | 25Pcs/Bag. 250Pcs/Carton |
| PA14HDS | | 20-8 Sol./Str. | M4.0 x 9 | 158 | 25.6 | 25.2 | 13.5 | 4.4 | 5.0±0.1 | 25Pcs/Bag. 250Pcs/Carton |
| PA16H | 16.0mm ² | 14-6 Sol./Str. | M4.0 x 9 | 169.8 | 28 | 23 | 14.5 | 4.2 | 6.0±0.1 | 10Pcs/Bag. 200Pcs/Carton |
| PA18H | 25.0mm ² | 12-4 Sol./Str. | M5 x 11 | 194.4 | 36.9 | 28.7 | 16.5 | 4.2 | 7.5±0.1 | 10Pcs/Bag. 100Pcs/Carton |

PUSH-IN WIRE CONNECTORS (푸쉬 컨넥터)

For use with solid conductors

- Housing : Polycarbonate (PC)
flame-retardant to UL94V-2
Working Temperature :
T110°C (IEC), 105°C / 221°F (UL)
- Clamp Unit : Copper, tin-plated
Stainless spring steel
- Strip Length : 11mm / 0.43 inch.
- Rate 600V Max. for building wiring and 1000V Max. in lighting fixtures / luminaries and signs
- Available in specific packing and private labeling



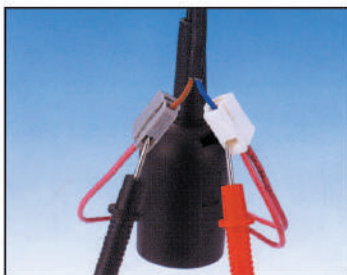
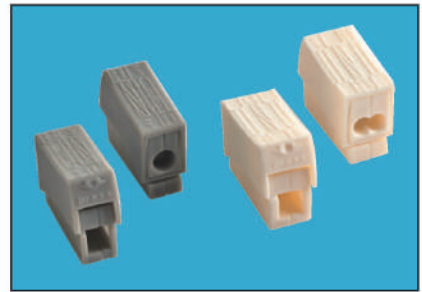
| Dimensions/mm | Part No. | Color | Poles | Wire Range & Ratings | Pcs/Bag | Pcs/Ctn |
|---|----------|--------------|-------|--|---------|---------|
|  | PC-252 | Clear Red | 2 | IEC : 24A, 450V 2.5mm ² , Sol UL : 600V 22-12 AWG, Sol | 500 | 5,000 |
|  | PC-253 | Clear Orange | 3 | IEC : 24A, 450V 2.5mm ² , Sol UL : 600V 22-12 AWG, Sol | 500 | 5,000 |
|  | PC-254 | Clear Yellow | 4 | IEC : 24A, 450V 2.5mm ² , Sol UL : 600V 22-12 AWG, Sol | 500 | 5,000 |
|  | PC-255 | Clear Grey | 5 | IEC : 24A, 450V 2.5mm ² , Sol UL : 600V 22-12 AWG, Sol | 500 | 5,000 |
|  | PC-258 | Clear Black | 8 | IEC : 24A, 450V 2.5mm ² , Sol UL : 600V 22-12 AWG, Sol | 250 | 2,500 |

* For the order of Transparent connectors, just add the letters "CL" after the part number.

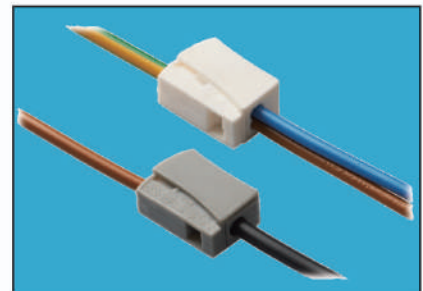
EASY-LINK PUSH-IN WIRE CONNECTORS (이지링크 푸쉬 컨넥터)

For use with solid and stranded conductors

- Housing : Polyamide 66 (PA 66), grey and ivory
flame-retardant to UL94V-2
Working Temperature :
T110°C (IEC), 105°C/ 221°F (UL)
Polybutylene Terephthalate (PBT), black
flame-retardant to UL94-V0
Working Temperature :
140°C/ 284°F (IEC/UL)
- Clamp Unit : Brass, tin-plated
Stainless spring steel
- Strip Length : 9-11mm / 0.35-0.43 in.
- Available in specific packing and private labeling
- Excellent for lighting fixtures



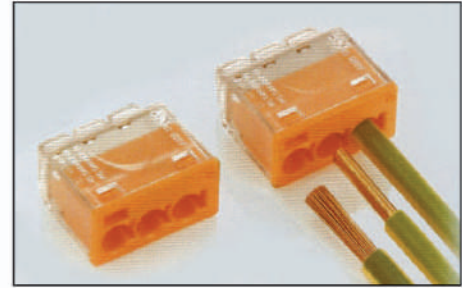
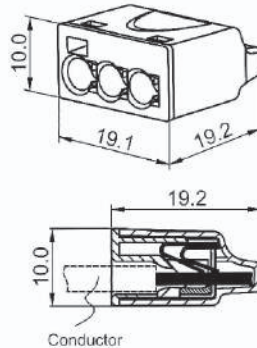
Use a Voltage Tester to
Test Your Connection Via
the Port at Separate Side.



| Dimensions/mm | Part No. | Color | Poles | Wire Range & Ratings | Pcs/Bag | Pcs/Ctn |
|---------------|----------|-------|-------|---|---------|---------|
| | PC 301 | Grey | 1 | 24A, 450V, T100°C Installation side : 0.75~2.5mm ² , Sol 18-16 AWG, Sol Lighting side : 0.5-2.5mm ² , Sol/Str 18-16 AWG, Sol/Str Cu | 500 | 5,000 |
| | PC 301B | Black | 1 | 24A, 450V, T140°C Installation side : 0.75~2.5mm ² , Sol 18-16 AWG, Sol Lighting side : 0.5-2.5mm ² , Sol/Str 18-16 AWG, Sol/Str Cu | 500 | 5,000 |
| | PC 302 | White | 2 | 24A, 450V, T100°C Installation side : 0.75~2.5mm ² , Sol Lighting side : 0.5-2.5mm ² , Sol/Str | 500 | 5,000 |
| | PC 302B | Black | 2 | 24A, 450V, T100°C Installation side : 0.75~2.5mm ² , Sol Lighting side : 0.5-2.5mm ² , Sol/Str | 500 | 5,000 |

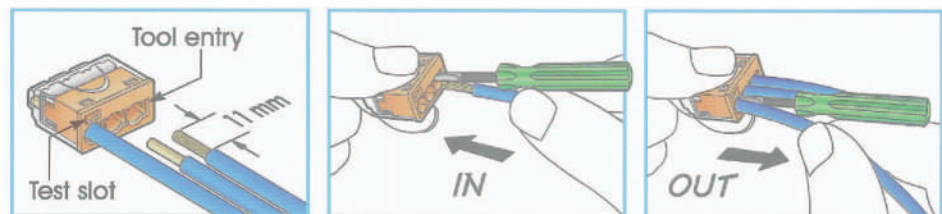
RELEASABLE WIRE CONNECTORS (릴리저블 와이어 컨넥터)

- Conductors : 0.5~4mm², rigid and flexible
22-12 AWG Solid, copper
16-22 AWG Stranded, copper
- Voltage rating : 450V (IEC), 600V Max. building wire,
1000V max. signs and luminaires(UL)
- Current rating : 32A (IEC)
- Temperature rating : T110 (IEC), 105°C(UL)
- Number of poles : 3 poles



| Part Number | Poles | Color | Ratings |
|-------------|-------|--------|--|
| PC883 | 3 | Orange | IEC : 32A, 450V 0.5~4mm ² Rigid / Flexible UL : 600V 20~12 AWG, Sol Cu 22~16 AWG, Str Cu |

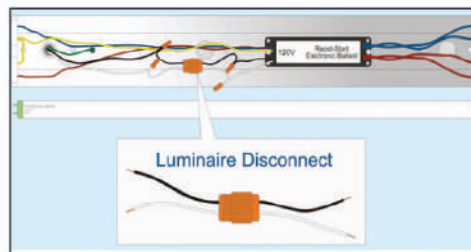
Installation:



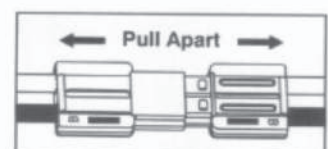
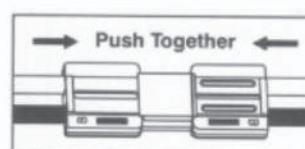
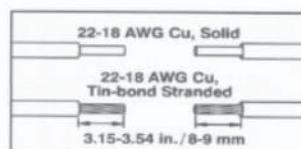
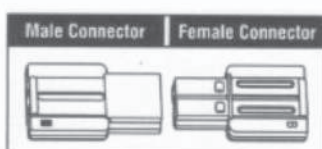
LUMINAIRE DISCONNECT (등기구 컨넥터)

Specification

- Housing : Polyamide 66(PA66), Orange
Flame-retardant to UL 94V-0
Working temperature : 105° C/221° F
- Contacts : Copper alloy
- Strip Length : 3.15~3.54 in./8~9mm
- Application Conductor : AWG 18-22
- Application Voltage : 600V



| Model | Elec.Rating | Voltage | Packing |
|--------|--|---------|---------|
| PC-502 | 6 AMPS - 18AWG, SOLID | 600V | 500pcs |
| | 6 AMPS - 18AWG, TIN-DIPPED STRANDED | | |
| | 3 AMPS - 22-18AWG, SOLID | | |
| | 3 AMPS - 22-18AWG, TIN-DIPPED STRANDED | | |

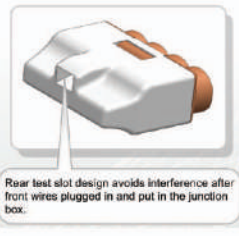
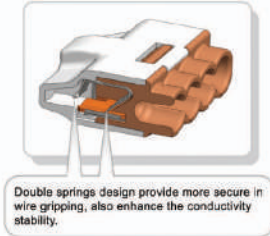


UNIK-PRO PUSH-IN WIRE CONNECTORS (유니크 프로 푸쉬 컨넥터)



For use with rigid/solid and flexible/stranded conductors

- Housing : Polycarbonate(PC), Flame retardant to UL94 V-0
Working Temperature : T85 (IEC), 105°C/221°F(UL)
- Spring force connector constructed from tinned copper with spring steel.
- Rated to 600V maximum for building wiring and 1,000V maximum lightning fixtures&signs



- No pre-twisting required saves working time
- Compact size fits most of the small junction boxes
- Transparent shell makes connections visible
- Color-coded for quick and easy identification
- Hardened stainless steel insert prevent form pull-out yet requires a very low insertion force

| Model | Image | Color | Rating & Wire Range | Poles | Pcs/Bag | Pcs/Ctn |
|--------|-------|--------|---|-------|---------|---------|
| PC 352 | | Yellow | IEC : 24A, 450V / 0.5~2.5mm ² , Rigid Sol. / 1~2.5mm ² , Rigid Str. | 2 | 500 | 5,000 |
| | | | UL : 600V / 22~12AWG, Sol. CU / 18~12AWG, Str. CU / 22~14AWG, Tin-dipped Str. Cu | | | |
| PC 353 | | Orange | IEC : 24A, 450V / 0.5~2.5mm ² , Rigid Sol. / 1~2.5mm ² , Rigid Str. | 3 | 400 | 4,000 |
| | | | UL : 600V / 22~12AWG, Sol. CU / 18~12AWG, Str. CU / 22~14AWG, Tin-dipped Str. Cu | | | |
| PC 354 | | Clear | IEC : 24A, 450V / 0.5~2.5mm ² , Rigid Sol. / 1~2.5mm ² , Rigid Str. | 4 | 300 | 3,000 |
| | | | UL : 600V / 22~12AWG, Sol. CU / 18~12AWG, Str. CU / 22~14AWG, Tin-dipped Str. Cu | | | |
| PC 355 | | Blue | IEC : 24A, 450V / 0.5~2.5mm ² , Rigid Sol. / 1~2.5mm ² , Rigid Str. | 5 | 300 | 3,000 |
| | | | UL : 600V / 22~12AWG, Sol. CU / 18~12AWG, Str. CU / 22~14AWG, Tin-dipped Str. Cu | | | |
| PC 356 | | Purple | IEC : 24A, 450V / 0.5~2.5mm ² , Rigid Sol. / 1~2.5mm ² , Rigid Str. | 6 | 250 | 2,500 |
| | | | UL : 600V / 22~12AWG, Sol. CU / 18~12AWG, Str. CU / 22~14AWG, Tin-dipped Str. Cu | | | |

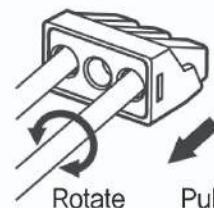
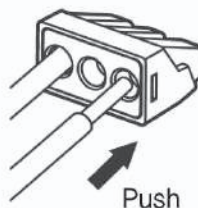
PUSH-IN WIRE CONNECTOR, 6mm² (푸쉬 컨넥터, 6mm²)

- Housing Material : Body : Polycarbonate, Cover : Polyamide 66
- Flame Retardant : UL94 V-0
- Terminal Material : Copper plate(Tin plated), stainless spring steel
- Working Temperature : T85°C (IEC)
- Strip Length : 12mm / 0.47 in.
- Accept solid and stranded wires up to 6mm²
- Compact size design is perfect for tight spaces.
- Clear shell offers visual verification of connection.
- Recommend reusing with a wire at least one size larger than the wire previously removed.



Installation Instruction

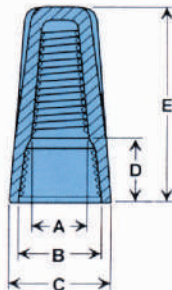
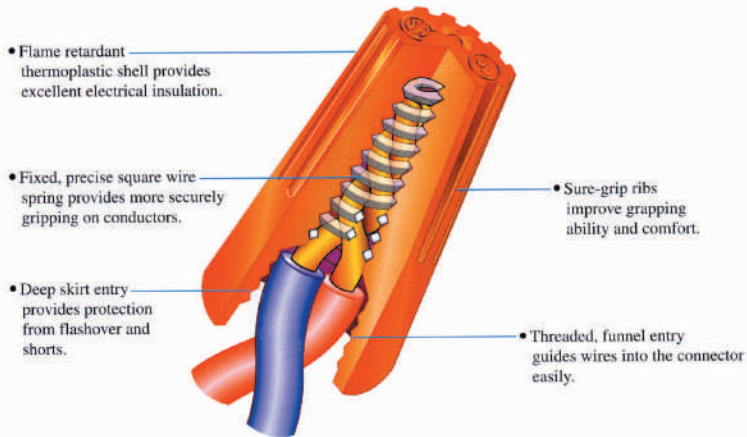
- Insert stripped conductors in to the conductor fully.
- Test your connection through the slot ton the opposite side of the entry ports with a voltage tester
- To correct or change, hold the wire to be removed and twist alternately left and right while pulling on the connector.



| Dimension(mm) | Part Number | Color | Poles | Wire Range & Ratings | Pcs/Bag | Pcs/Ctn |
|---------------|-------------|-------|-------|-----------------------------------|---------|---------|
| | PC 863 | Red | 3 | 45A, 450V 2.5~6mm ² | 250 | 2,500 |

SCREW ON WIRE CONNECTORS (스크류 와이어 컨넥터)

- UL 486C Listed and CSA 22.2 No 188 Certified.
- Five color-coded to industry standard.
- Thermoplastic, UL 94V-2 flame-retardant shell
- Rated at 600V Max. for building wiring and 1000V Max. in lighting fixtures / luminaries and signs.
- Socket tools are available for easy installation of wire connectors. Please see page E16

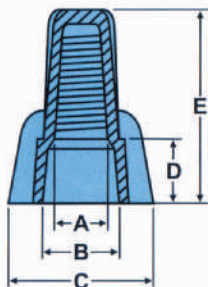
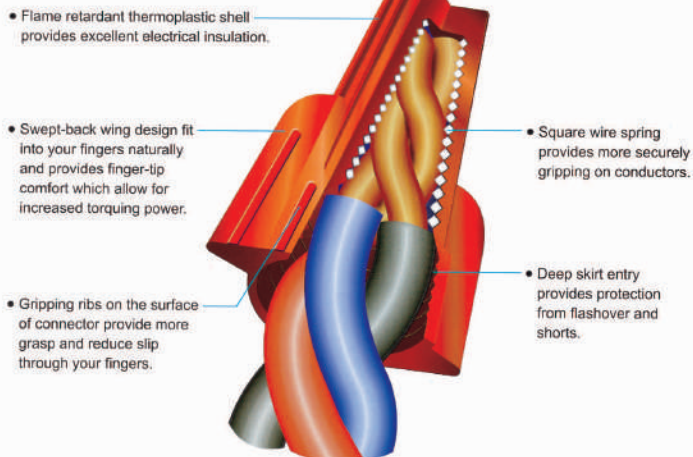


| Part Number | Dimensions(mm) | | | | |
|-------------|----------------|-------|-------|------|-------|
| | A | B | C | D | E |
| P1 | 3.80 | 6.70 | 8.60 | 5.80 | 15.20 |
| P2 | 4.10 | 7.0 | 9.80 | 5.90 | 17.60 |
| P3 | 5.0 | 9.90 | 12.20 | 7.80 | 22.0 |
| P4 | 6.0 | 11.20 | 14.0 | 7.90 | 24.0 |
| P6 | 7.50 | 13.0 | 16.40 | 9.15 | 26.50 |

| Part Number | Color | Temperature / Wire Range | | Pcs/Bag | Pcs/Ctn |
|-------------|--------|---------------------------------|--|---------|---------|
| P1 | Gray | 300V Max Tem. 105°C. (221°F) | No.22-No.14 AWG. Max.1 #16 w/1 #18w/1 #20 Min.2 #22 | 1,000 | 20,000 |
| P2 | Blue | 300V Max Tem. 105°C. (221°F) | No.22-No.14 AWG. Max.3 #16 Min.2 #22 | 1,000 | 10,000 |
| P3 | Orange | 600V Max Tem.105°C. (221°F) | No.22-No.14 AWG. Max.4 #16 w/1 #20 Min.1 #18 w/1 #20 | 500 | 5,000 |
| P4 | Yellow | 600V Max Tem.105°C. (221°F) | No.22-No.10 AWG. Max.2 #12 w/2 #14 Min.3 #20 | 500 | 5,000 |
| P6 | Red | 600V Max Tem.105°C. (221°F) | No.22-No.10 AWG. Max.2 #10 Sol w/2 #12 str Min.3 #18 | 500 | 5,000 |

WINGED WIRE CONNECTORS (윙 타입 와이어 컨넥터)

- UL 486C Listed and CSA 22.2 No 188 Certified.
- Tough thermoplastic, UL 94V-2 flame-retardant shell
- Five color-coded to industry standards
- Socket tools are available for easy installation of wire connectors. Please see page E16

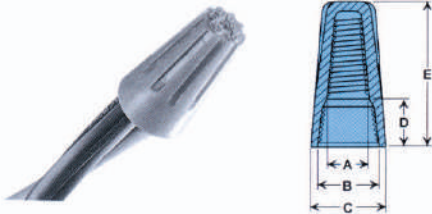


| Part Number | Dimensions(mm) | | | | |
|-------------|----------------|-------|-------|-------|-------|
| | A | B | C | D | E |
| P11 | 6.40 | 9.80 | 18.20 | 9.00 | 25.80 |
| P12 | 7.20 | 11.60 | 18.30 | 9.20 | 29.00 |
| P13 | 9.00 | 13.50 | 23.00 | 9.60 | 31.80 |
| P15 | 10.00 | 14.90 | 25.50 | 10.00 | 33.30 |
| P17 | 12.00 | 18.80 | 32.00 | 13.10 | 40.00 |

| Part Number | Color | Rating & Wire Range | | Pcs/Bag | Pcs/Ctn |
|-------------|--------|---------------------------------|--|---------|---------|
| P11 | Yellow | 600V Max Temp. 105°C (221°F) | No.18-No.10 AWG. Max.3 #12 Min.2 #18 | 500 | 5,000 |
| P12 | Tan | 600V Max Temp. 105°C (221°F) | No.22-No.8 AWG. Max.4 #12 Min.3 #22 | 500 | 5,000 |
| P13 | Red | 600V Max Temp. 105°C (221°F) | No.18-No.8 AWG. Max.5 #12 Min.3 #16 | 500 | 5,000 |
| P15 | Grey | 600V Max Temp. 105°C (221°F) | No.18-No.8 AWG. Max.3 #10 Min.3 #14 w/1#18 | 250 | 2,500 |
| P17 | Blue | 600V Max Temp. 105°C (221°F) | No.14-No.6 AWG. Max.3 #8 w/1#12 Min.2 #10 w/1#12 | 100 | 1,500 |

HIGH TEMPERATURE WIRE CONNECTORS (150°C) (고온용 와이어 컨넥터)

- UL 486C Listed and CSA 22.2 No 188 certified.
 - Thermoplastic shell designed to withstand extreme temperatures.
 - Temperature rated to 150°C (302°F)
 - Available in two standard models.
 - Available in socket tools for easy installation of connectors .
- Please see page E16



| Part Number | Dimensions(mm) | | | | |
|-------------|----------------|------|-------|------|-------|
| | A | B | C | D | E |
| P1B | 3.80 | 6.70 | 8.60 | 5.80 | 14.80 |
| P3B | 5.0 | 9.90 | 12.20 | 7.80 | 22.0 |



| Part Number | Color | Temperature/Wire Range | Pcs/Bag | Pcs/ctn |
|-------------|-------|--|---------|---------|
| P1B | Black | 300V Max. Temp. 150°C (302°F) No.22 – No.14 AWG Max.2 #18 Min.1 #18 w/1 #22 | 1,000 | 20,000 |
| P3B | Black | 600V Max. Temp. 150°C (302°F) No.22 – No.14 AWG Max.1 #14 w/1 #16 w/1 #18 Min.1 #16 w/1 #22 | 500 | 5,000 |

WIRE CONNECTOR SOCKET TOOLS (와이어 컨넥터 체결 공구)

The sockets have a hex shank design which can fit any pneumatic or electric tool having a 1/4" chuck or drive socket. It is used on screw-on wire connectors and winged wire connectors for reducing work fatigue and making a secure connections.



For Screw-on Wire Connectors :

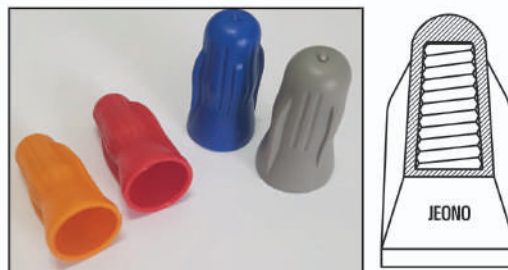
| Socket No. | Sokket Color | Use for Connector Model No. |
|------------|--------------|--------------------------------|
| #3-49 | Black | P1(gray), P2(blue), P3(orange) |
| #4-57 | Black | P4(yellow), P6(red) |

For Winged Wire Connectors

| Socket No. | Sokket Color | Use for Connector Model No. |
|------------|--------------|--|
| #11 | White | P11(yellow), P13(red) |
| #12 | Black | P12(tan) |
| #5-63 | Black | P11(yellow), P12(tan) P13(Red), P15(gray) |

PVC SCREW-ON WIRE CONNECTORS (PVC 스크류 와이어 컨넥터)

- Material : Housing-PVC / Spring -Steel
- Temperature Rating : 105°C(221°F) Max.
- Voltage Rating : 600V Max. building wiring ; 1,000V Max. signs or luminaires
- Flammability : UL94V-2
- Listed as Pressure-type Wire Connectors on the following
Solid and/or Stranded wire combinations



| Part Number | Wire Range(AWG) | Color | Q'ty/Bag.ctn |
|-------------|--|--------|--------------|
| JOWC 20 | 2 to 4#14, 2 to 3#12 1#12 w/1 to 2#14, 2#12 w/1#14, | Yellow | 100 / 4,000 |
| JOWC 35 | 2 to 4#14, 2 to 3#12 1#12 w/1 to 3 #14, 2#12 w/1 to 2#14, 3#12 w/1#14 | Red | 100 / 4,000 |
| JOWC 55 | 3 to 5#14, 2 to 4#12 1#12 w/2 to 4#14, 2#12 w/1 to 3#14 3#12 w/1#14 | Blue | 100 / 4,000 |
| JOWC 80 | 3 to 7#14, 3 to 5#12 Sol. 3 or 4#12 Str. 2#12 w/2 to 3#14, 3#12 w/1 to 2#14 4#12 w/1#14 | Gray | 100 / 4,000 |

WIRE CONNECTOR SOCKET TOOLS (와이어 컨넥터 체결 공구)

The sockets have a hex shank design which can fit any pneumatic or electric tool having a 1/4" chuck or drive socket. It is used on PVC screw-on wire connectors for reducing work fatigue and making a secure connections.



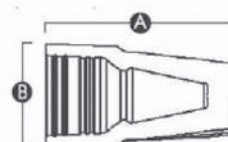
Socket Tool

| Socket No. | Sokket Color | Use for Connector Model No. |
|------------|--------------|---------------------------------|
| #4-57 | Black | JOWC 20, JOWC35, JOWC55, JOWC80 |

WATERPROOF WIRE CONNECTOR (방수 와이어 컨넥터)

- Temperature Rating : 105°C(221°F) Max
- Voltage Rating : 600V Max. (1,000V Max. in fixtures and signs)
- Wire Type : Copper/Copper
- Silicon Sealant : -45°F to 400°F
- Material : PP

| Part Number | Color | Dimension(mm) | | | Wire Range |
|-------------|--------|---------------|--------------|--------------|---|
| | | Length(A) | Outer Dia(B) | Inner Dia(C) | |
| JW-03127 | Orange | 23 | 11 | 8 | Max #12x3, #20x6 Max #12x2 with #14x1 Max #16x1 with #14x2 Max #18x1 with #20x2 with #22x3 |
| JW-03128 | Blue | 25 | 13 | 10 | Max. #14x4, #10x1, #18x5 Max #16x1 with #22x4 Max #10x1 with #14x2 with #16x1 Max #18x2 with #20x3 Max #18x2 with #22x3 |
| JW-03129 | Tan | 42 | 21 | 16 | Max #22x6, #18x6, #20x6, #10x3 Max #12x3, #12x4(Solid only) Max #16x2 with #14x4 Max #16x1 with #10x2 |



SEALED WIRE CONNECTORS (방수 와이어 컨넥터)



R3/R6

Water & Weather Proof / Underground

- Temperature Rating : 105°C (221°F) Max
- Voltage Rating : 600V Max. building wiring; 1000V Max. in fixtures and signs
- Screw-on wire connectors pre-filled with dielectric silicone sealant.

To be sold only with installation instructions

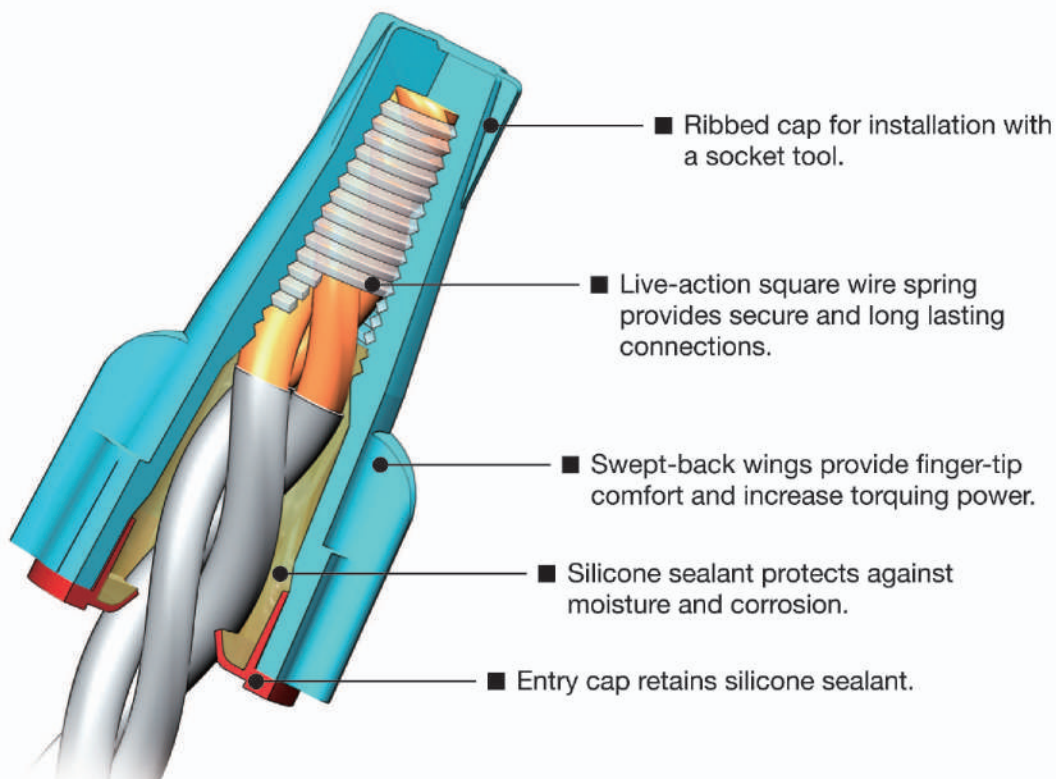
1. Turn off power before installing or removing connectors.
2. Pre-twisting unnecessary, hold stripped wires together with ends even and align frayed strands or conductors.
3. Insert wire bundle through center of pie-wedge shaped cap.
4. Twist connector onto wires until hand-tight (two twists are visible in wires)
5. Wipe sealant in and around conductors and connector opening while tightening.

Note: UL486D Listed as a Sealed Wire Connector System for use in damp, wet, direct burial, and raintight locations Not for use in continuous submersion applications. One time Use Only-Do Not Reuse Connector.



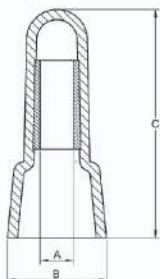
FOR USE ON COPPER WIRE ONLY. DO NOT USE ON ALUMINUM WIRE

| Dimensions (mm) | Part Number | Color | Wire Range | For Use Strip Wires | Package Qty |
|-----------------|-------------|---------------|---|----------------------------|-------------|
| | R3 | Blue (+Red) | #20-#10, Cu Max. 3 #12 Min. 2 #20 | Max. 15.9mm Min. 12.7mm | 100 |
| | R6 | Blue (+Black) | #20-#8, Cu Max. 4 #10 Min. 3 #16 | Max. 19.1mm Min. 15.9mm | 100 |



WIRE JOINT – PE INSULATED (접속자)

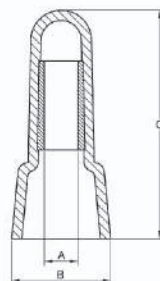
- Material : Al
- Color : White



| Part Number | Wire Range (mm²) | Dimensions(mm) | | | Package Qty. |
|-------------|------------------|----------------|------|------|--------------|
| | | A | B | C | |
| JWP-15 | 1.5 | 2.5 | 6.5 | 17.0 | 1,000 |
| JWP-25 | 2.5 | 3.0 | 7.3 | 21.5 | |
| JWP-4 | 4 | 4.0 | 7.7 | 18.3 | |
| JWP-6 | 6 | 4.5 | 9.2 | 20.0 | |
| JWP-10 | 10 | 5.3 | 10.1 | 20.0 | |

WIRE JOINT – NYLON 6.6 INSULATED (접속자)

- Material : Cu or Al
- Surface : Tin Plated
- Color : Natural
- Flame Retardant to UL 94V-2
- Temperature rating : 105°C
- Voltage rating : 300Volt Max

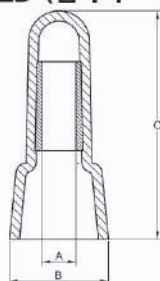


| Part Number | | Wire Range | | Dimension (mm) | | | Package Qty. |
|-------------|-------|--|------|----------------|------|------|--------------|
| Cu | Al | AWG | mm² | A | B | C | |
| CE-1 | CE-1X | #22-#18, Cu (CE-1) #24-#18, Cu (CE-1X) Max. 2 #20 w/ 1 #18 Min. 2 #22 | 1.5 | 2.6 | 7.8 | 18.2 | 1,000 |
| CE-2 | CE-2X | #22-#14, Cu Max. 1 #18 w/ 1 #14 Min. 2 #22 | 2.5 | 3.3 | 9.5 | 20.0 | 1,000 |
| CE-3 | CE-3X | #22-#12, Cu Max. 2 #14 Min. 2 #18 | 4 | 4.0 | 10.3 | 21.5 | 1,000 |
| CE-5 | CE-5X | #22-#10, Cu (CE-5) #20-#10, Cu (CE-5X) Max. 3 #14 Min. 3 #18 | 4.6 | 4.4 | 12.5 | 25.2 | 1,000 |
| CE-8 | CE-8X | #16-#10, Cu Max. 2 #16 w/ 1 #10 Min. 2 #16 w/ 1 #12 | 6.10 | 5.3 | 14.3 | 27.7 | 500 |

*Crimping Tool : See Chart Page C5, C16, E20

WIRE JOINT – NYLON 6.6 HIGH TEMPERATURE INSULATED (접속자 – 고온용)

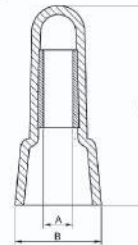
- Material : Cu
- Surface : Tin Plated
- Color : White
- Flame Retardant to UL 94V-0
- Temperature rating : 150°C
- Voltage rating : 300Volt Max



| Part Number | Wire Range | | Dimension (mm) | | | Package Qty. |
|-------------|---|----------|----------------|------|------|--------------|
| | AWG | mm² | A | B | C | |
| CE2-150 | #22-#14, Cu Max. 1 #18 w/1 #14 Min. 2 #22 | 1.5, 2.5 | 3.3 | 9.5 | 20.0 | 1,000 |
| CE5-150 | #22-#10, Cu Max. 3 #14 Min. 2 #22 w/2 #18 | 4, 6 | 4.4 | 12.5 | 25.2 | |

WIRE JOINT – NYLON 6.6 750°C HIGH TEMPERATURE INSULATED (접속자 – 고온용)

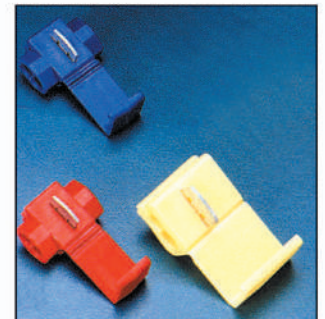
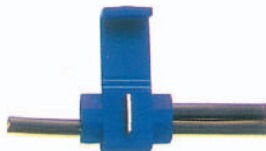
- Material : Cu
- Surface : Tin Plated
- Color : Ivory
- Flame Retardant to UL94V-0
- Temperature rating : 750°C
- Voltage rating : 300Volt Max



| Part Number | Wire Range | | Dimension(mm) | | | Package Q'ty |
|-------------|---|--------------------|---------------|-----|------|--------------|
| | AWG | (mm ²) | A | B | C | |
| CE2-750 | #22~#14, Cu Max. 1 #18 w/1 #14 Min. 2 #22 | 1.5, 2.5 | 3.1 | 9.5 | 20.0 | 1,000 |

QUICK SPLICE CONNECTORS (스카치락)

- Material : PP Body with Metal Inside
- Working Temperature : 125°C



| Part No. | Wire Range | | Color | Pcs/Bag | Pcs/ctn |
|----------|------------|--------------------|--------|---------|---------|
| | AWG | (mm ²) | | | |
| JSK-1 | 22~18 | 0.5~1.0 | Red | 500 | 10,000 |
| JSK-2 | 18~14 | 0.75~2.5 | Blue | 500 | 10,000 |
| JSK-3 | 12~10 | 4~6 | Yellow | 250 | 5,000 |

WIRE JOINT CRIMPING TOOL (접속자 압착 공구)



JAN-13C

For Close and terminals
Applicable Range : 0.5~6mm²
AWG 20~10
Weight : 0.6kgs Length : 230mm



JAN-28C

For Close and terminals
Applicable Range : 4~10mm²
AWG 12~8
Weight : 0.6kgs Length : 230mm

ONE TOUCH LEVER WIRE CONNECTORS (원터치 레버 컨넥터) CE

- Housing Material : Polyamide 66 (PA66), flame-retardant to UL94-V2
- Terminal Material : Brass, Ni-plated, stainless spring steel
- Working Temperature : T105°C, 221°F (UL)
- Strip Length : 9~10mm/0.37inch






Product Feature :

Accept solid and stranded conductors up to 0.08~4.0mm² / AWG #28~#12

The connector is completely re-usable.

Integrated test pole allows for easy testing of connection integrity.

The wire connector, connects lighting fixture connections, door controls, intercom wiring, pumps, loudspeaker cables and much more.

| Image | Part Number | Wire type | | | | Pole | Current (A) | Voltage (V) | Color | Packing |
|--|-------------|---------------|-------|---------------|-------|------|-------------|-------------|------------------------------------|---------|
| | | Flexible lead | | Rigidity lead | | | | | | |
| | | (mm²) | AWG | (mm²) | AWG | | | | | |
|  | JCMK-412 | 0.08~2.5 | 28~14 | 0.08~4 | 28~12 | 2 | 32 | 400 | Gray (Body) & Orange (lever) | 100 |
|  | JCMK-413 | | | | | 3 | | | | |
|  | JCMK-415 | | | | | 5 | | | | |

RE-USABLE WIRE CONNECTORS (원터치 레버 컨넥터) UL

- Housing Material : Body - Polycarbonate(PC), Lever - Polyamide(PA)
- Flame Retardant : UL94 V-0
- Terminal Material : Copper plate(Tin plated), stainless spring steel
- Working Temperature : T85°C (IEC), 105°C (UL)
- Rating : 600V maximum for building wiring and 1000V maximum in lighting fixtures & signs.



Product Feature

- Re-usable and for use with rigid / solid and flexible / stranded conductors
- Transparent shell makes wire inserted and insulation stripped properly
- Applicable for lighting, home appliances, construction wiring and others

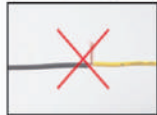
| Dimensions(mm) | Part Number | Color | Wire Range | Poles | Ratings | Pcs/Bag |
|----------------|-------------|-------------------------------------|---|-------|---------------------------------|---------|
| | PC-622 | Clear (Body) & Orange (lever) | IEC : 0.5~4mm ² Rigid single core Rigid multi core Flexible UL : 22~12 AWG, Sol/Str Cu | 2 | IEC : 32A 450V UL : 600V | 500 |
| | PC-623 | | | 3 | | 500 |
| | PC-625 | | | 5 | | 500 |

QUICK CONNECTORS (퀵 커넥터)

• FEATURES



No peeling of wire



No need to splice the wire



No need for taping



Protected from water and dust[IP33]



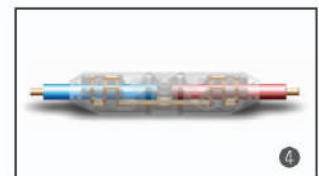
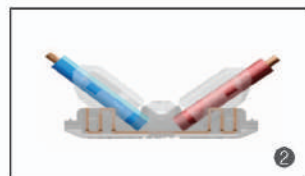
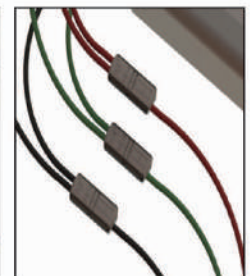
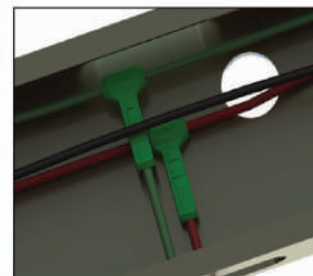
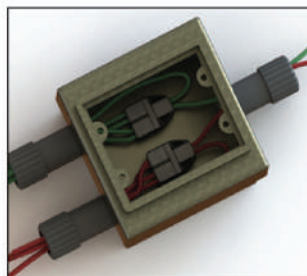
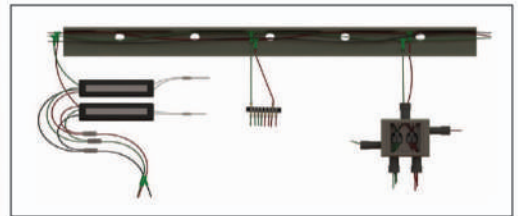
Shock proof



Easy to use(Minimal Train)








Universal use of wire

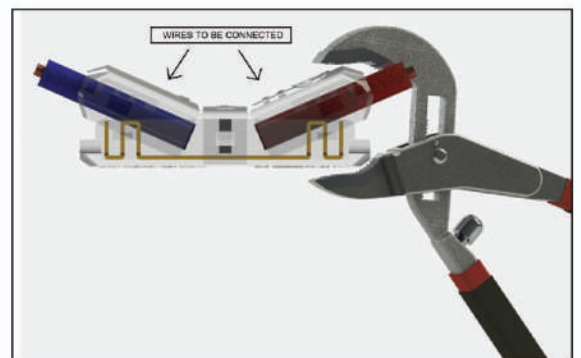
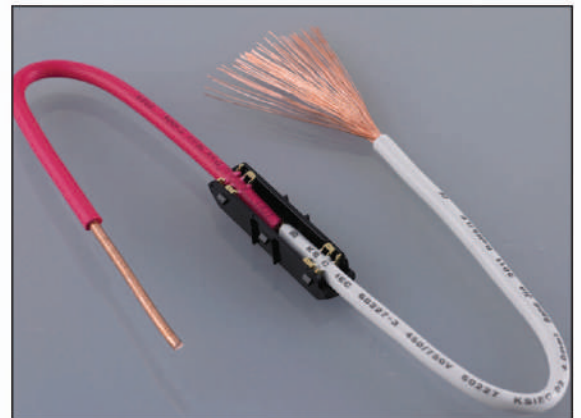


• Specifications







| Product | I-1 | I-2 | I-3 | I-4 | I-5 | T-1 | T-2 | T-3 | T-4 | T-5 | T-21 | DI-1 | DI-2 | DI-21 | TS44 | TR44 | 6C-4 | 4C-4 |
|-----------------------------|--|----------|---------|---------|---------|----------|----------|---------|---------|---------|----------------|---------|----------|----------------|-------------|-------------|---------|----------------|
| mm ² | 0.3 | 0.75 | 1.5 | 2.5 | 4 | 0.3~0.52 | 0.75 | 1.5 | 2.5 | 4 | 0.75 / 0.3~0.5 | 0.3~0.5 | 0.75 | 0.75 / 0.3~0.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| AWG | 23~20 | 19~18 | 16~14 | 13~12 | 11~10 | 3~23 | 19~18 | 16~14 | 13~12 | 11~10 | 19~18 / 23~20 | 23~20 | 19~18 | 19~18 / 23~20 | 13~12 | 13~12 | 13~12 | 13~12 |
| Connection Method | Insulation Displacement & Multiple Connection(IDMC) Technology | | | | | | | | | | | | | | | | | |
| Wire type | Solid / Stranded | | | | | | | | | | | | | | | | | |
| Waterproof Status(IP) | Water Resistant [IP 65 : When using JOWX(waterproof housing)] | | | | | | | | | | | | | | | | | |
| Measured Voltage (ENV) | 12~24 | 100~600 | 100~600 | 100~600 | 100~600 | 12~24 | 100~600 | 100~600 | 100~600 | 100~600 | 12~24/100~600 | 12~24 | 12~24 | 12~24/100~600 | 100~600 | 100~600 | 100~600 | 100~600 |
| Connector Type | In-line | | | | | T-Joint | | | | | In-line | | | | | Terminal | | Terminal Block |
| Measured shock voltage (KV) | 1.8 | 6 | 9 | 12 | 18 | 1.8 | 6 | 9 | 12 | 18 | 1.8 | 1.8 | 6 | 1.8 | 1.8 | 12 | 12 | 12 |
| Contact Resistance (Ohm) | - | 0.0003 | 0.0001 | 0.0018 | 0.0016 | - | 0.0033 | 0.0009 | 0.0009 | 0.0023m | 0.001 | - | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Current (A) | 3 | 10 | 15 | 20 | 25 | 3 | 10 | 15 | 20 | 25 | 3 | 3 | 10 | 3 | 20 | 20 | 20 | 20 |
| Tensile Strength (NT) | 45 | 55 | 85 | 120 | 140 | 40 | 65 | 75 | 120 | 160 | 40/85 | 60 | 85 | 60/85 | 60 | 88 | - | - |
| Weight (g) | 0.8 | 1 | 2.1 | 2.5 | 4.4 | 1 | 1.6 | 2.9 | 3.3 | 5.7 | 0.9 | 1.5 | 3.5 | 2.5 | 1.4 | 1.4 | 10.8 | 6.3 |
| Color | White | Charcoal | Yellow | Green | Orange | White | Charcoal | Yellow | Green | Orange | Grey | White | Charcoal | Grey | Transparent | Transparent | Grey | Grey |
| Height (a : mm) | 6 | 6.9 | 7.5 | 7.8 | 10.8 | 5.8 | 6.9 | 7.5 | 7.8 | 10.8 | 6.3 | 5.1 | 6.1 | 6.2 | 8.75 | 8.75 | 10 | 9.95 |
| Width (b : mm) | 5.7 | 6.3 | 7.2 | 7.7 | 10.5 | 5.7 | 6.3 | 7.2 | 7.7 | 10.5 | 5.4 | 8.5 | 10.5 | 10.3 | 8 | 8 | 27.8 | 14.9 |
| Width (T-type) (d : mm) | | | | | | 14 | 16.1 | 15.7 | 18 | 20 | 11.5 | | | | | | | |
| Length (c : mm) | 25 | 30 | 30 | 36 | 40 | 25.6 | 30.9 | 30.9 | 37.6 | 41.8 | 22.8 | 18 | 22.8 | 19.7 | 26.15 | 28.95 | 37.3 | 37.3 |
| Terminal Width (mm) | 0.2 | 0.5 | 1.1 | 1.6 | 2.1 | 0.2 | 0.5 | 1.1 | 1.6 | 2.1 | 0.5/0.2 | 0.2 | 0.5 | 0.5/0.2 | 1.6 | 1.6 | 1.6 | 1.6 |
| Hole Size (mm) | 1.5 | 2.2 | 3 | 3.75 | 4.5 | 1.5 | 2.2 | 3 | 3.75 | 4.5 | 2.2/1.5 | 1.5 | 2.2 | 2.2/1.5 | 3.95 | 3.95 | 3.75 | 3.75 |
| Contact Points | 4 | 4 | 9 | 9 | 9 | 4 | 4 | 9 | 9 | 9 | 4 | 4 | 4 | 4 | 4 | 4 | 24 | 16 |
| Metal Thickness | 0.3 | 0.4 | 0.5 | 0.5 | 0.5 | 0.3 | 0.4 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.4 | 0.3 | 0.7 | 0.7 | 0.7 | 0.7 |
| Plastic Material | PC/ABS (Flame retardant) | | | | | | | | | | | | | | | | | |
| Terminal Material | Tin Plated Brass (Cu 61 : 70.5%, Zinc 29.5 : 39%, Tin 100%) 1/2H | | | | | | | | | | | | | | | | | |
| Temperature Tolerance (°C) | -40 ~ 90 | | | | | | | | | | | | | | | | | |
| RoHS | Compliant | | | | | | | | | | | | | | | | | |

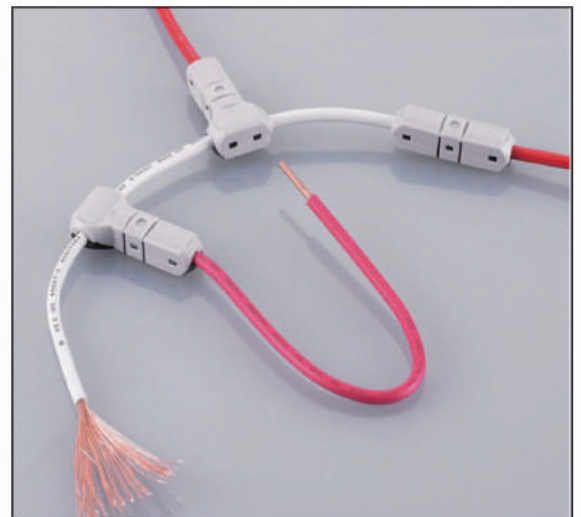
I-type

| Product no. | Wire Range | | Current(A) |
|--|-----------------|-------|------------|
| | mm ² | AWG | |
|  JQCI-1 | 0.3~0.5 | 23~20 | 3 |
|  JQCI-2 | 0.75 | 19~18 | 10 |
|  JQCI-3 | 1.5 | 16~14 | 15 |
|  JQCI-4 | 2.5 | 13~12 | 20 |
|  JQCI-5 | 4.0 | 11~10 | 25 |

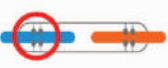


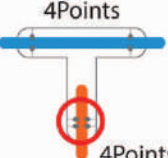
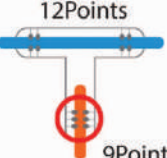
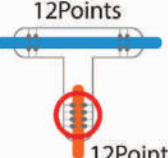


T-type




| Product no. | Wire Range | | Current(A) |
|---|-----------------|---------------|------------|
| | mm ² | AWG | |
|  JQCT-1 | 0.3~0.5 | 23~20 | 3 |
|  JQCT-2 | 0.75 | 19~18 | 10 |
|  JQCT-3 | 1.5 | 16~14 | 15 |
|  JQCT-4 | 2.5 | 13~12 | 20 |
|  JQCT-5 | 4.0 | 11~10 | 25 |
|  JQCT-21 | 0.75 / 0.3~0.5 | 19~18 / 23~20 | 3 |

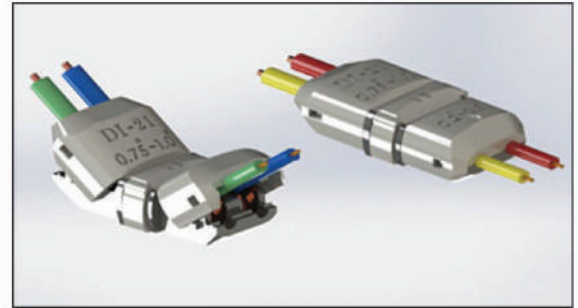


• Contact Area


| I-Type | | | T-Type | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| 4Points | 9Points | 12Points | 4Points | 9Points | 12Points |
| [Amp] < 10 | 10 ≤ [A] < 50 | 50 ≤ [A] < 100 | [Amp] < 10 | 10 ≤ [A] < 50 | 50 ≤ [A] < 100 |

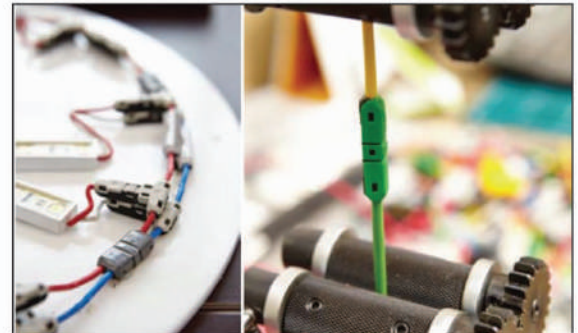
DI-type

| Product no. | Wire Range | | Current(A) |
|---|-----------------|---------------|------------|
| | mm ² | AWG | |
|  JQDI-1 | 0.3~0.5 | 23~20 | 3 |
|  JQDI-2 | 0.75 | 19~18 | 10 |
|  JQDI-21 | 0.75 / 0.3~0.5 | 19~18 / 23~20 | 3 |







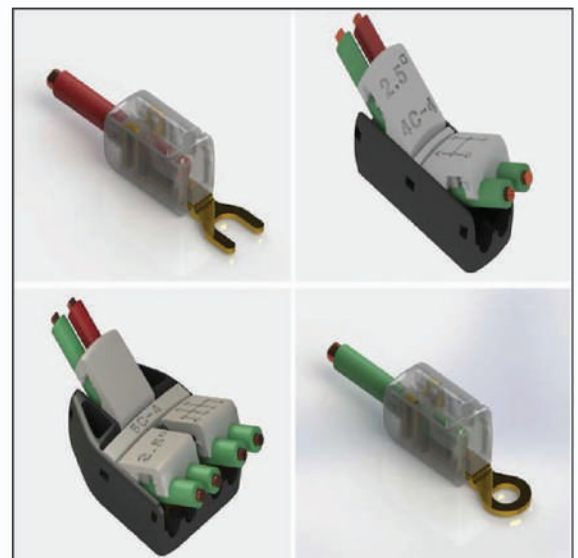
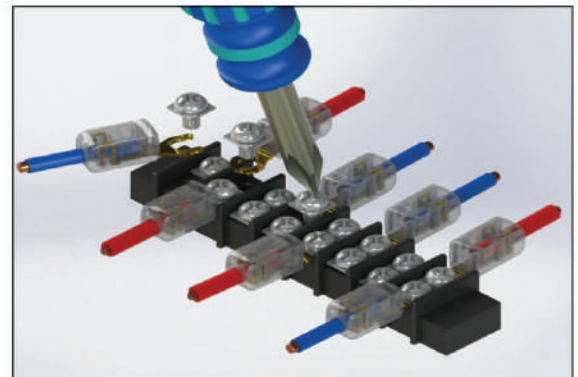
DI-type

| Product no. | Wire Range | |
|--|-----------------|-------|
| | mm ² | AWG |
|  JQHI-1 | 0.2~0.5 | 24~20 |
|  JQHT-1 | 0.2~0.5 | 24~20 |
|  JQDI-1 | 0.6~1.0 | 18~17 |



DI-type

| Product no. | Wire Range | | Current(A) |
|---|-----------------|-------|------------|
| | mm ² | AWG | |
|  JQTS-44 | 2.5 | 13~12 | 20 |
|  JQTR-44 | 2.5 | 13~12 | 20 |
|  JQCS-4C-4 | 2.5 | 13~12 | 20 |
|  JQCS-6C-4 | 2.5 | 13~12 | 20 |



E

