

Quick Wire Connectors Splitters



TGR-QC Series

- Connect single or multiple wires together
- Split one wire into multiple outputs
- Choice of sizes from AWG12 - AWG28
- 250V rated voltage - 32A

PRODUCT WIRING INSTRUCTIONS

STEP 1

Stripping Length.



STEP 2

Strip the wire sheath.



STEP 3

Open the handle and insert the wires.



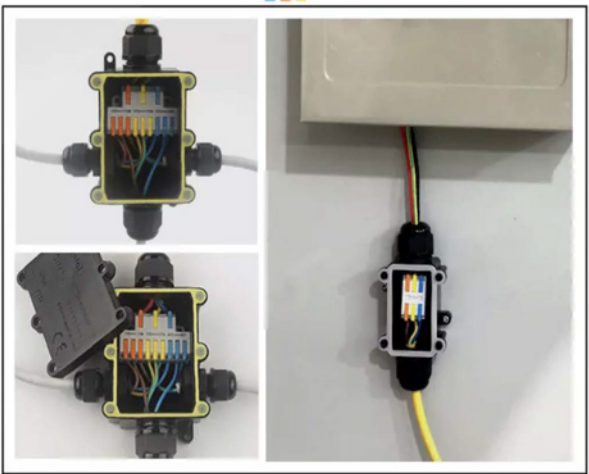
STEP 4

Press The handle finish



The TGR-QC series allows the fast connection of a wide range of wires and conductor types. Manufactured in a high quality flame retardant material these connectors are rated at 250V 32A and suitable for use with cable ranges from 0.08 - 2.5mm² AWG 12 - AWG28

APPLICATION SCENARIO



The TGR-QC series connectors are available in packs of 10, 25, 50 and 100 pieces. There are 13 versions to choose from. Our first unit is the TGR-QC-1-1 below which is a 1 input to 1 output unit. Please find details of the rest of the range from Page 2

Material:PC

Rated Current:/Voltage:32A/250V

Wiring Range: 0.08-4.0mm²/AWG28-12

Strip Length:9-10mm/0.39inch

Size:9.1×39.5×14.7mm

Part number TGR-QC-1-1



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TGR-QC Series

Material:PC
Rated Current/Voltage:32A/250V
Wiring Range:0.08-2.5(4.0)mm²
Stripping Length:9mm/0.39inch
AWG:28-14(12) / 2 in 2 out

Circuit Diagram

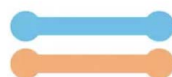


Part number TGR-QC-2-2



Material:PC
Rated Current/Voltage:32A/250V
Wiring Range:0.08-2.5(4.0)mm²
Stripping Length:9mm/0.39inch
AWG:28-14(12) / 2 in 2 out

Circuit Diagram



Part number TGR-QC-2-2-B



Material:PC
Rated Current/Voltage:32A/250V
Wiring Range:0.08-2.5(4.0)mm²
Stripping Length:9mm/0.39inch
AWG:28-14(12) / 3 in 3 out

Circuit Diagram



Part number TGR-QC-3-3



Material:PC
Rated Current/Voltage:32A/250V
Wiring Range:0.08-2.5(4.0)mm²
Stripping Length:9mm/0.39inch
AWG:28-14(12) / 3 in 3 out

Circuit Diagram



Part number TGR-QC-3-3-B

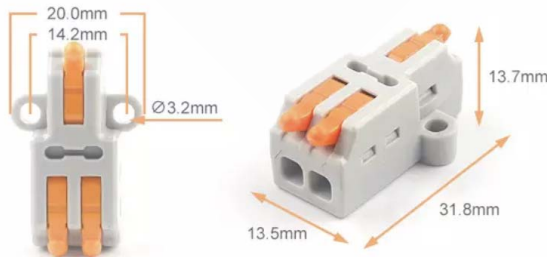


Material:PC
Rated Current/Voltage:32A/250V
Wiring Range:0.08-2.5(4.0)mm²
Stripping Length:9mm/0.39inch
AWG:28-14(12) / 1 in 2 out

Circuit Diagram



Part number TGR-QC-1-2

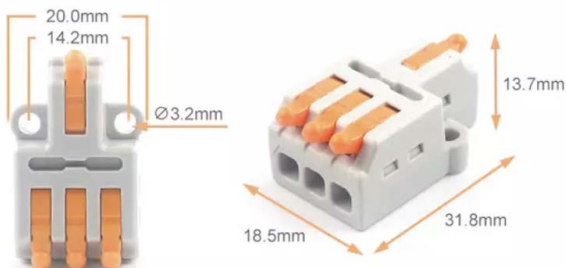


Material:PC
Rated Current/Voltage:32A/250V
Wiring Range:0.08-2.5(4.0)mm²
Stripping Length:9mm/0.39inch
AWG:28-14(12) / 1 in 3 out

Circuit Diagram



Part number TGR-QC-1-3



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TGR-QC Series

Material:PC

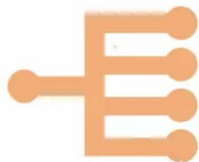
Rated Current/Voltage:32A/250V

Wiring Range:0.08-2.5(4.0)mm²

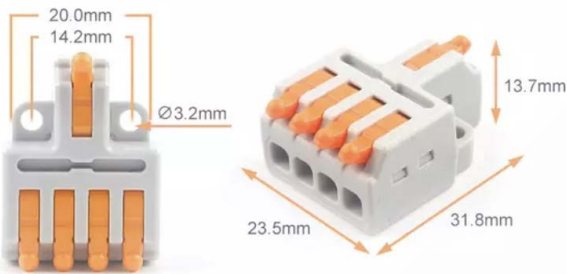
Stripping Length:9mm/0.39inch

AWG:28-14(12) / 1 in 4 out

Circuit Diagram



Part number TGR-QC-1-4



Material:PC

Rated Current/Voltage:32A/250V

Wiring Range:0.08-2.5(4.0)mm²

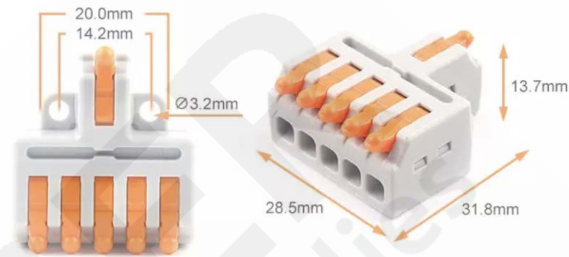
Stripping Length:9mm/0.39inch

AWG:28-14(12) / 1 in 5 out

Circuit Diagram



Part number TGR-QC-1-5



Material:PC

Rated Current/Voltage:32A/250V

Wiring Range:0.08-2.5(4.0)mm²

Stripping Length:9mm/0.39inch

AWG:28-14(12) / 2 in 4 out

Circuit Diagram



Part number TGR-QC-2-4



Material:PC

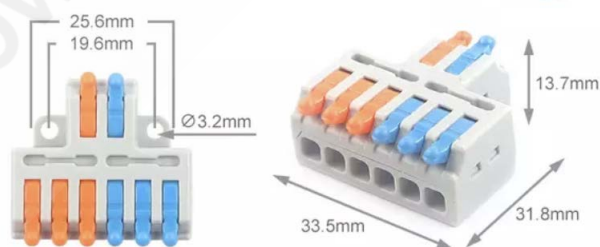
Rated Current/Voltage:32A/250V

Wiring Range:0.08-2.5(4.0)mm²

Stripping Length:9mm/0.39inch

AWG:28-14(12) / 2 in 6 out

Part number TGR-QC-2-6



Material: PA

Current and voltage: 32A/400V

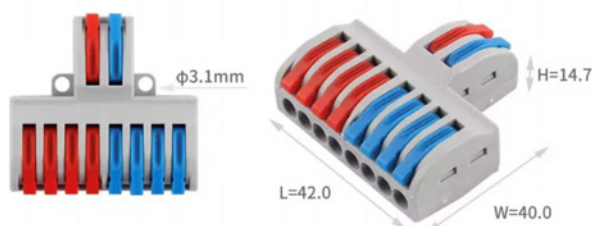
Wiring range: 0.08-4.0mm²/28-12AWG

Stripping length: 9-10mm/0.39inch

Circuit Diagram



Part number TGR-QC-2-8



Material:PC

Rated Current/Voltage:32A/250V

Wiring Range:0.08-2.5(4.0)mm²

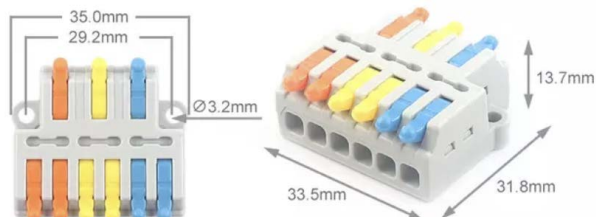
Stripping Length:9mm/0.39inch

AWG:28-14(12) / 3 in 6 out

Circuit Diagram



Part number TGR-QC-3-6



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Material:PC

Rated Current/Voltage:32A/250V

Wiring Range:0.08-2.5(4.0)mm²

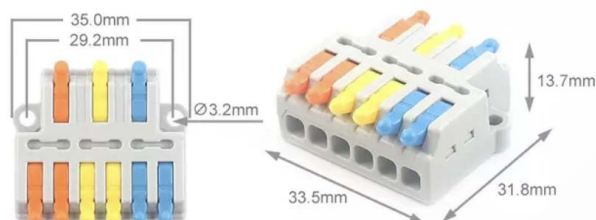
Stripping Length:9mm/0.39inch

AWG:28-14(12) / 3 in 6 out

Circuit Diagram



Part number TGR-QC-3-6



Material:PC

Rated Current/Voltage:32A/250V

Wiring Range:0.08-2.5(4.0)mm²

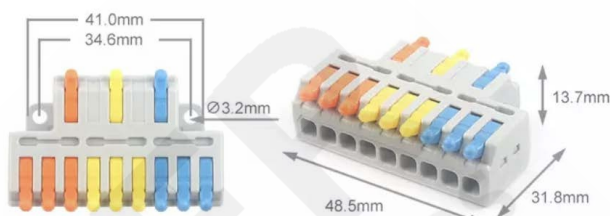
Stripping Length:9mm/0.39inch

AWG:28-14(12) / 3 in 9 out

Circuit Diagram



Part number TGR-QC-3-9



Material: PA

Current and voltage: 32A/400V

Wiring range: 0.08-4.0mm²/28-12AWG

Stripping length: 9-10mm/0.39inch

Circuit Diagram



Part number TGR-QC-4-8



Rated voltage:600V

Rated current:32A

Shell material:PC

Connection method:5 input 5 output

Stripping length:Around 10mm

Connection material: Copper

Wiring range: 0.08-4mm²/28-12AWG

Part number TGR-QC-5-5



Circuit diagram



Rated voltage:600V

Rated current:32A

Shell material:PC

Connection method:10 input 10 output

Stripping length:Around 10mm

Connection material: Copper

Wiring range: 0.08-4mm²/28-12AWG

Part number TGR-QC-10-10



Circuit diagram



Rated voltage:600V

Rated current:32A

Shell material:PC

Connection method:20 input 20 output

Stripping length:Around 10mm

Connection material: Copper

Wiring range: 0.08-4mm²/28-12AWG

Part number TGR-QC-20-20



Circuit diagram



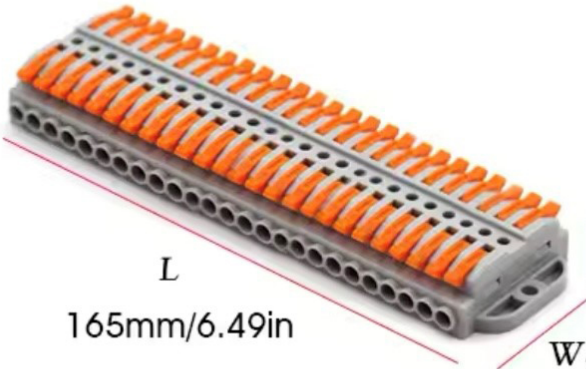
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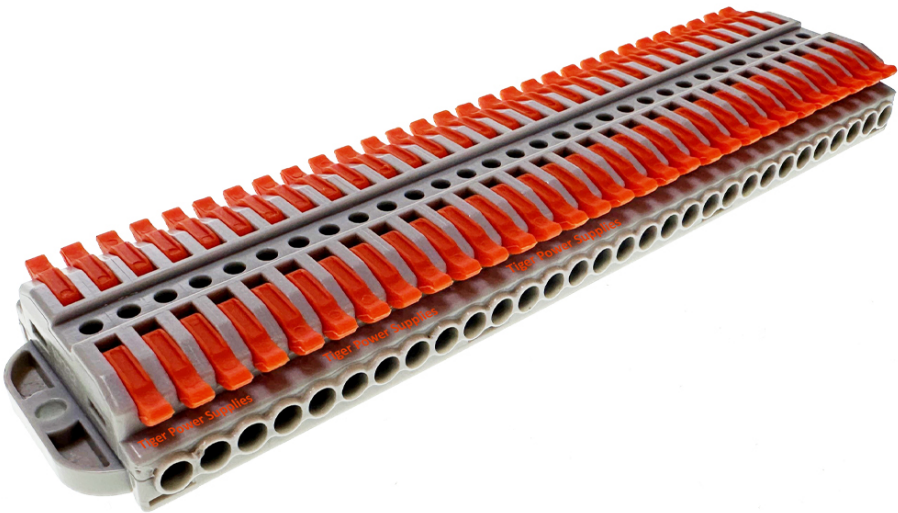
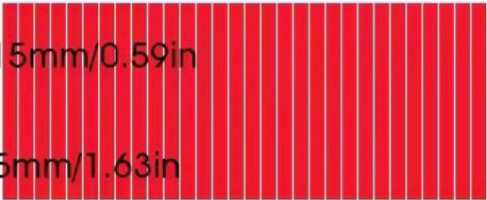
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TGR-QC Series

Rated voltage:600V **Part number TGR-QC-30-30**
Rated current:32A
Shell material:PC
Connection method: 30 input 30 output
Stripping length:Around 10mm
Connection material: Copper
wiring range: 0.08-4mm²/28-12AWG



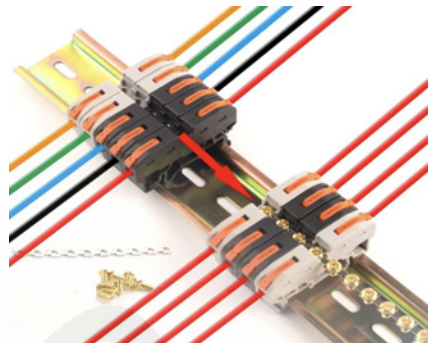
Circuit diagram



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TGR-QC Series - DIN RAIL MOUNTING



Part number TGR-QC-1-1-D



Shell : PA66

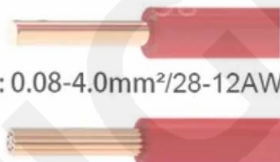
Rated current /voltage : 20A/400V

Solid wire: 0.08-2.5mm²/28-14AWG

Strand wire : 0.08-4.0mm²/28-12AWG

Strip length :  9-10mm/0.39inch

Size : 8.0mm × 47.6 × 31.4mm (L × W × H)



Part number TGR-QC-1-1-D-B



Shell : PA66

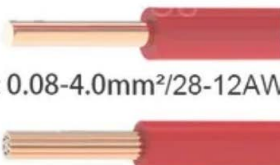
Rated current /voltage : 20A/400V

Solid wire: 0.08-2.5mm²/28-14AWG

Strand wire : 0.08-4.0mm²/28-12AWG

Strip length :  9-10mm/0.39inch

Size : 8.0mm × 47.6 × 31.4mm (L × W × H)



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TGR-QC-X-X-D32 Series

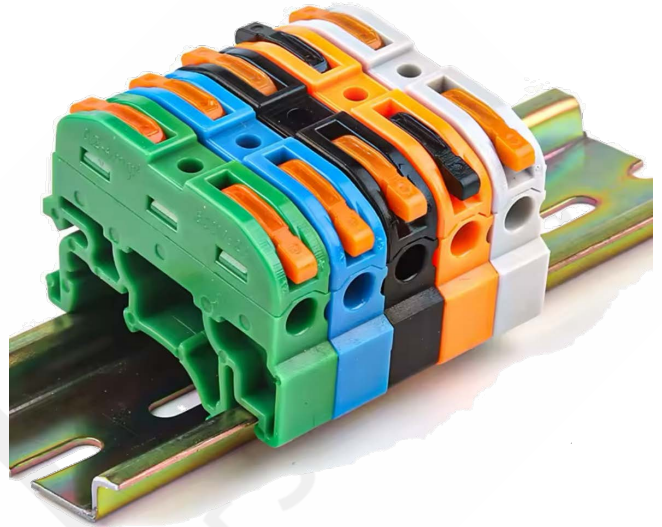
- Connect single or multiple wires together
- Split one wire into multiple outputs
- Choice of sizes from AWG12 - AWG28
- 250V rated voltage - 32A

The TGR-QC series allows the fast connection of a wide range of wires and conductors. Manufactured in a high quality flame retardant material these connectors are rated at 250V 32A and suitable for use with cable ranges from 0.08 - 4mm AWG 12 - AWG28

TGR-QC-1-1-D32-BL

Circuit Diagram

Material: PC + Tinned Copper
Rated Current/Voltage: 32A/600V
Strip Length: 9-10mm/0.39inch
Wire Range: 0.2-4.0mm²/24-12AWG
Spring Material: Stainless Steel
Size(mm): L=42.8 W=8.0 H=31.0



TGR-QC-1-1-D32-GR

Circuit Diagram

Material: PC + Tinned Copper
Rated Current/Voltage: 32A/600V
Strip Length: 9-10mm/0.39inch
Wire Range: 0.2-4.0mm²/24-12AWG
Spring Material: Stainless Steel
Size(mm): L=42.8 W=8.0 H=31.0



TGR-QC-1-1-D32-OR

Circuit Diagram

Material: PC + Tinned Copper
Rated Current/Voltage: 32A/600V
Strip Length: 9-10mm/0.39inch
Wire Range: 0.2-4.0mm²/24-12AWG
Spring Material: Stainless Steel
Size(mm): L=42.8 W=8.0 H=31.0



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Quick Wire Connectors Splitters



TGR-QC-X-X-D32 Series

TGR-QC-1-1-D32-GW Circuit Diagram

Material: PC + Tinned Copper
Rated Current/Voltage: 32A/600V
Strip Length:9-10mm/0.39inch
Wire Range:0.2-4.0mm²/24-12AWG
Spring Material:Stainless Steel
Size(mm): L=42.8 W=8.0 H=31.0



TGR-QC-1-1-D32-GW Circuit Diagram

Material: PC + Tinned Copper
Rated Current/Voltage: 32A/600V
Strip Length:9-10mm/0.39inch
Wire Range:0.2-4.0mm²/24-12AWG
Spring Material:Stainless Steel
Size(mm): L=42.8 W=8.0 H=31.0



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Stripping length about 10mm



Push the guide tube into the hole



Turn left and right pull out wire



Complete wiring Detachable and reusable

Quick Wire Connectors Splitters



TGR-QC-X-X-D32 Series

TGR-QC-1-1-D32-CLR



TGR-QC-2-2-D32-CLR



TGR-QC-2-2-D32-GR



TGR-QC-3-3-D32-GR



TGR-QC-3-3-D32-CLR



TGR-QC-3-3-D32-CLR-B



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Quick Wire Connectors Splitters



TGR-QC-T Series

- Connect single or multiple wires together
- Split one wire into multiple outputs
- Choice of sizes from AWG12 - AWG28
- 250V rated voltage - 32A

The TGR-QC series allows the fast connection of a wide range of wires and conductors. Manufactured in a high quality flame retardant material these connectors are rated at 250V 32A and suitable for use with cable ranges from 0.08 - 4mm AWG 12 - AWG28



Part number TGR-QC-T-3-OR

Contact material: Copper tin plated
Rated current:32 A
Rated voltage:600 V
Solid/Stranded conductor: 0.08 - 2.5 mm²/ 28 - 14 AWG
Fine-stranded conductor: 0.08 -4 mm² / 28- 12 AWG
Strip length 9 -10 mm / 0.35 - 0.39 inch



Part number TGR-QC-T-3-BL

Contact material: Copper tin plated
Rated current:32 A
Rated voltage:600 V
Solid/Stranded conductor: 0.08 - 2.5 mm²/ 28 - 14 AWG
Fine-stranded conductor: 0.08 -4 mm² / 28- 12 AWG
Strip length 9 -10 mm / 0.35 - 0.39 inch



Part number TGR-QC-T-4-OR

Contact material: Copper tin plated
Rated current:32 A
Rated voltage:600 V
Solid/Stranded conductor: 0.08 - 2.5 mm²/ 28 - 14 AWG
Fine-stranded conductor: 0.08 -4 mm² / 28- 12 AWG
Strip length 9 -10 mm / 0.35 - 0.39 inch



Part number TGR-QC-T-4-BL

Contact material: Copper tin plated
Rated current:32 A
Rated voltage:600 V
Solid/Stranded conductor: 0.08 - 2.5 mm²/ 28 - 14 AWG
Fine-stranded conductor: 0.08 -4 mm² / 28- 12 AWG
Strip length 9 -10 mm / 0.35 - 0.39 inch



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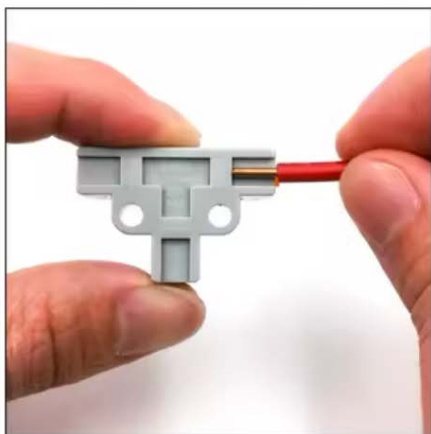
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TGR-QC-T Series

Combination connector connection sketch map



1.
Strip the wire to the specified length



2.
Raise the operating handle
Insert the wire into the hole



3.
Close handle



4.
Operation complete

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