

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 - 2.5mm 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

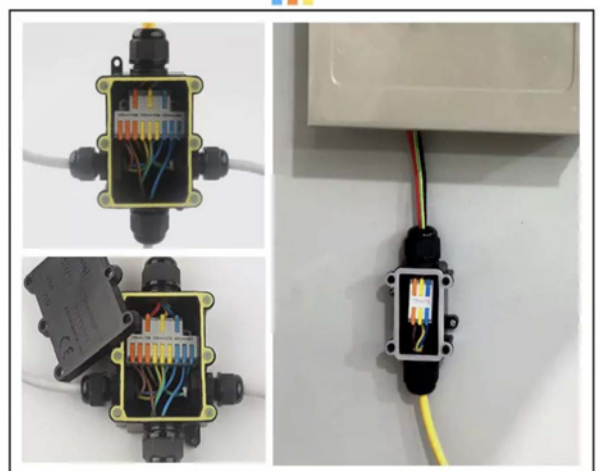
Rated Current:/Voltage:32A/250V

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

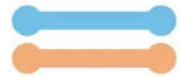


Part number TGR-QC-2-2



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

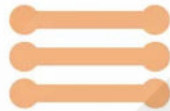


Part number TGR-QC-2-2-B



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

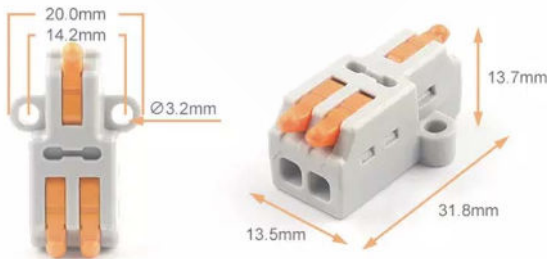


Material:PC
 Rated Current/Voltage:32A/250V
 Wiring Range:0.08-2.5(4.0)mm²
 Stripping Length:9mm/0.39inch
 AWG:28-14(12) / 1 in 2 out

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

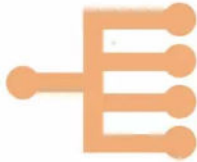
Rated Current/Voltage:32A/250V

Wiring Range:0.08-2.5(4.0)mm²

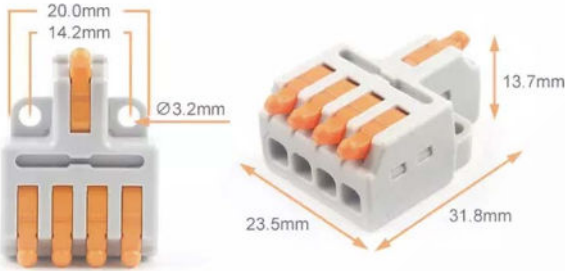
Stripping Length:9mm/0.39inch

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

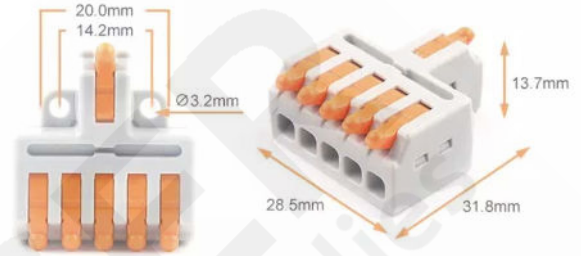
Stripping Length:9mm/0.39inch

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

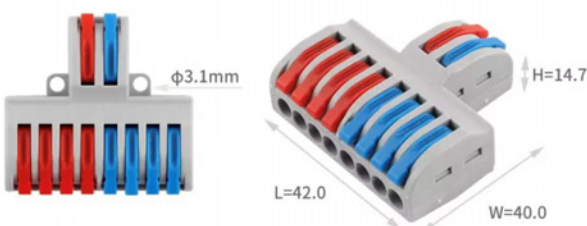
Wiring range: 0.08-4.0mm²/28-12AWG

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

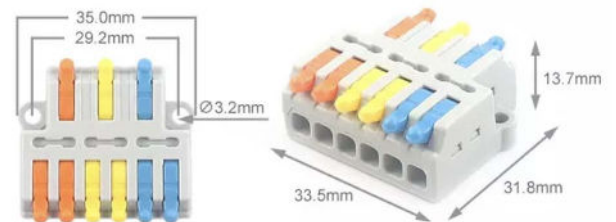
Stripping Length:9mm/0.39inch

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

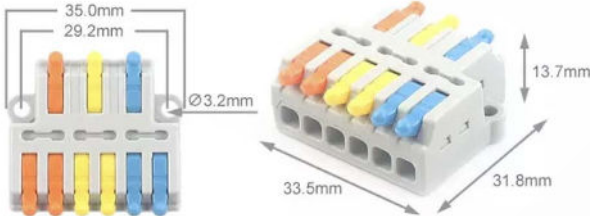
Stripping Length:9mm/0.39inch

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

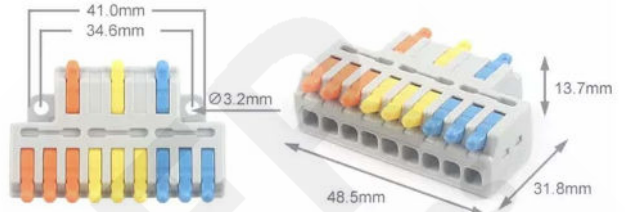
Stripping Length:9mm/0.39inch

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

Circuit Diagram



Part number TGR-QC-3-9



Material: PA

Current and voltage: 32A/400V

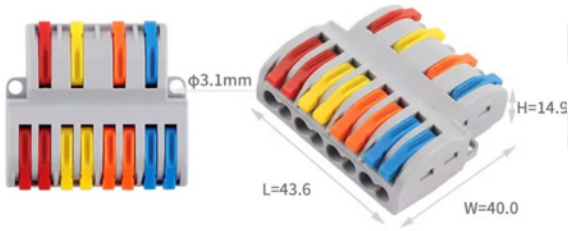
Wiring range: 0.08-4.0mm²/28-12AWG

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

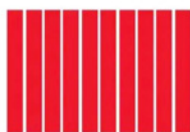
Connection material: Copper

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



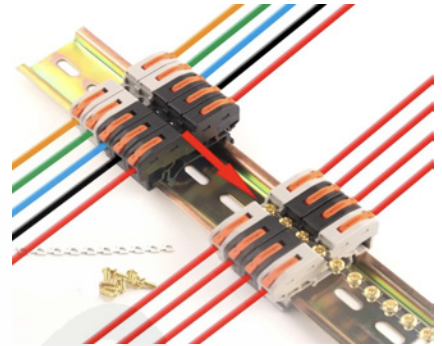
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TGR-QC Series - DIN RAIL MOUNTING



Part number TGR-QC-1-1-D



Shell : PA66

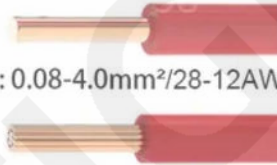
Rated current /voltage : 20A/400V

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

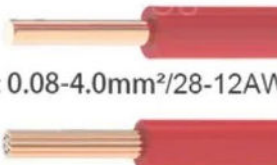
Rated current /voltage : 20A/400V

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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