



7-Way Trailer Power Cords & Wire Harness

7-Gang Trailer Junction Box

Trailer Junction Box - 12 V DC (24 V to order)

A junction box for the point where the trailer harness meets the trailer. The busbar inside is tinned copper on a moulded base, with one stud for the incoming feed and a terminal for each circuit, so the harness does not end in a bundle of crimps behind the frame rail.

The lid screws down over the terminals and the cable entries are fitted with rubber grommets, with solid plugs for the entries that stay empty. Two ears on the body take screws into a frame rail, a deck or a battery box.

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Specifications

Label	Value
Product:	7-Gang Trailer Junction Box
Product Type:	Trailer Junction Box
Connector:	Not fitted
Pin Layout:	7 terminations, one feed stud and six circuit terminals
Maximum Current Rating:	30 A on the feed stud
Maximum Voltage:	12 V DC (24 V to order)
Conductors:	Accepts 10 AWG to 18 AWG at the terminals
Wire Colours:	Not applicable, connector only
Length:	Box supplied on its own, cord length to order
Jacket:	Not fitted
Junction Box:	Black ABS body, tinned busbar, screw fixed lid, five grommets cable entries with blanking plugs, two mounting ears
Colour:	Black as shown. Custom colours available to order
Standard and Certification:	RoHS, REACH and PAHS compliant materials
Environmental Certifications:	RoHS, REACH, PAHS
Testing:	Continuity and pinout check on every cord, and a second check on the junction box harnesses after the conductors are landed. Insulation resistance test on request
Country of Origin:	Made In China
Packing:	Standard Export Carton

Typical Applications

Trailer and flatbed wiring where a harness has to be joined to the trailer circuits, and for anyone rebuilding a trailer loom on the bench. Also used on boat trailers and on small 12 V distribution jobs where a labelled terminal point is easier to service than a taped joint.

Before You Wire It

Check the current that will pass through the feed stud. The box is rated for 30 A on the feed, which covers a trailer charge line with the brakes and the lights running, but a winch or a set of work lights should have its own feed rather than sharing this one. Check the entry positions against the harness before mounting. Five entries reach the busbar without crossing the lid screws, and routing the cable across a screw boss makes the lid hard to close.

Ordering Notes

The box can be supplied with a printed circuit label under the lid to match the trailer functions, with a clear lid for inspection, or with studs instead of barrels on the heavier circuits. Private label work covers the lid label and the packing.

Our other certificated products



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