

Rteck® product models

Industrial Enclosure (Tek Boxes) Technical Information

(Special Note: Standard data sheet applies to Models 1-13 excludes B Series products 13-15). Suitable for high temperature and rugged environments. Rteck's highest specification product.

SPECIAL NOTES

Rteck can fit out micro rail terminals as required options include Weidmuller / Phoenix / Elmex ask your wholesaler)

NE (no entries) options can also be provided or substituted with 3 open entries if requested. Get your wholesaler to add Rteck code 3E to the end of the text. If you require this option, see models 3,4,5,6, i.e. RTKR-3E (3 x 20mm open entries.)

1 RTKS-NE

Standard (no extras/empty) No entries, drill as required model option to be fitted out as required.

Screws supplied for strip connectors

SPECIAL NOTE* Rteck can fit these terminal boxes out with any rail combination as requested by customers.

2 RTKRW-4+2e-LP-NE

No entries/drill as required. Rail/Weidmuller AKZ4 terminal rail connectors x 4 fitted with 2 x cross connects (looping / linking bars) with partitions plus 2 x earth terminals.

Designed specifically for small lighting and power requirements.

Ideal for small controls up to 4mm / one feed plus three looping circuits. Rating 440V 36A.

3 RTKR-NE

No entries/drill as required Rail Weidmuller AKZ4 terminal rail connectors x 7 plus earth fitted.

Model option for pvc/pvc cables. Rating 440V 36A

(* See special note option 3E)

4 RTKRI-NE

No entries/drill as required Rail Weidmuller AKZ1.5 terminal rail connectors x 6 plus earth fitted for instrumentation or electrical purposes. Rating 250V 18amp

(* See special note option 3E)

5 RTKRE-4-NE

No entries/drill as required Rail Elmex MPT4 micro terminal rail connectors x 4 fitted.

Model option for pvc/pvc cables. Rating 500V 32amps 4mm

Reck's lowest price rail option (specials)

(* See special note option 3E)

6 RTKRE-7e-NE

No entries/drill as required Rail Elmex MPT4 micro terminal rail connectors x 7 plus earth fitted model for pvc/pvc cables Rating 500V 32amps 4mm (specials)

(* See special note option 3E)

7 RTKRI-6-DB 20-3

Rail/Weidmuller AZ1.5 terminal rail connectors x 6 plus earth fitted with 3mm cable gland plate 20mm x 3 tapped entry holes fitted for instrumentation or electrical purposes. Model for armoured/screened cables.

8 RTKRI-12-DB 20-3

Rail/Weidmuller AKZ1.5 terminal rail connectors x 12 plus earth fitted with 3mm cable gland plate 20mm x 3 tapped entry holes fitted for instrumentation or electrical purposes. Model for armoured/screened cables.

9 RTKRDB 20-3

Rail/Weidmuller AKZ4 terminal rail connectors x 7 plus earth fitted with 3mm cable gland plate 20mm x 3 tapped entry holes fitted. Model option for screened cables. Rating 440V 36amp

10 RTKDB 20-3

Standard box fitted with 3mm cable gland plates 20mm x 3 tapped entry holes (no rail)

11 RTKR-1-12-DB 20 CC25

Rail/Weidmuller AKZ1.5 terminals x 12 plus earth fitted with cross connected cable gland plate DB 20-3 and DB 25-2 fitted with 5 open entries. Multi purpose options for screened cables up to 25mm glands.

12 RTKR-7-DB 20 CC25

Rail/Weidmuller AKZ 4 terminals x 7 plus earth fitted with cross connected cable gland plates DB 20-3 and DB 25-2 fitted with 5 open entries. Multipurpose options for screened cables up to 25mm glands.

Notes:

AKZ4 Weidmuller Rail Connectors can be fitted with up to 6mm sq conductors (4mm is standard). AKZ1.5 Weidmuller Connectors can be fitted with up to 2.5mm sq conductors (1.5mm is standard). Rteck® can fit out individual combinations of rail with cross connections as required.

SPECIAL NOTE: Rteck can supply its latest extremely high specification B Series product as well.

13 RTKRDB 20-3 B

Rail /Weidmuller AKZ4 terminal rail connectors x 7 plus earth fitted with 3mm cable gland plate 20mm x 3 tapped entry holes fitted.

Model option for screened cable

Rating 440V 36amps

Code B: Product material is very high specification black nylon with special additives.

Suitable for high temperature applications / extreme impacts, extreme conditions.

See specifications.

[\(Rteck's highest specification products - B Series.\)](#)

14 RTKRI-6-DB 20-3 B

Rail/Weidmuller AKZ1.5 terminal rail connectors x 6 plus earth fitted with 3mm gland plate 20mm x 3 tapped entry holes fitted for instrumentation or electrical purposes.

Model for armoured/screened cables

Code B: Product material is very high specification black nylon with special additives.

Suitable for high temperature applications / extreme impacts, extreme conditions

See specifications.

[\(Rteck's highest specification products - B Series.\)](#)

15 RTKR-7-DB 20 CC 25B

Rail/Weidmuller AKZ4 terminals x 7 plus earth fitted with cross connected cable gland plates DB20-3 and DB25-2 fitted with 5 open entries. Multipurpose options for screened cables up to 25mm glands.

Code B: Product material is very high specification black nylon with special additives.

Suitable for high temperatures applications / extreme impacts, extreme conditions.

See specifications.

Note: special rail combinations and cross connects to suit can be provided for our customers if required.

[\(Rteck's highest specification products - B Series.\)](#)

DB CABLE GLAND PLATE accessories to be fitted as required

16 DB 20-3

Dog bone cable gland plate with 20mm tapped holes x 3

17 DB 20-2

Cable gland plate with 20mm tapped holes x 2 – same side entries

18 DB 25-2

Dog bone cable gland plate with 25mm tapped holes x 2

19 DB 25-1

Cable gland plate with 25mm tapped hole x 1

20 DB20-1

Cable gland plate with 20mm tapped hole x 1 Suitable for Rteck terminal box alterations.

SPECIAL NOTE

When 2 cross connect plates are fitted into our terminal boxes, i.e. DB 25-2 and DB 20-3, a M4 x 8mm screw will need to be inserted through the top plate locating the earth termination into the bottom plate. Rteck will provide a screw and washer for this option with each DB 25-2 cable gland plate.

B SERIES PRODUCT: Models with the B Series code added use very high specification black nylon polymer with special additives. This material has the UL94 VO rated flame retardant added.

Temperature withstand 123c continuous. Suitable for high temperature applications.

Very high impact rated to 7 joules n/m (Exe spec). Tested to the new 1000hr UV Light Exe spec.

Rteck pacific can supply its bona fide customers with more technical information if requested

Contact colin@rteckpacific.com.