DIN-Rail Enclosures

One of the world's leading ranges of cutting-edge DIN-Rail Enclosures for all types of Instrumentation, Control, Safety, Datacom and Field-bus applications, including items specifically designed for incorporation into L.V. distribution systems.

Providing the widest available choice of module sizes, numbers and types of terminals (screw clamp, cage clamp, box, pcb) utilising integral and plug-in connection technology, with horizontal or vertical pcb mounting.

The ranges are further enhanced by a vast selection of options such as slots, holes, printing, colours, coded inserts, blanking plugs/blocks, moulded over terminals, removable front plates, and internal or external bus connections (or combined).

KS 4400 Series

- Universal modular enclosure system
- Available in widths from 12.5mm to 90mm
- Large front panel for customisation, suitable for controls and display components
- Extensive space for laser etching or printing

- Modular design allows the usage of different terminals
- Number of terminals can be arranged according to requirements
- Up to 30 terminals are available in each 22.5mm module width
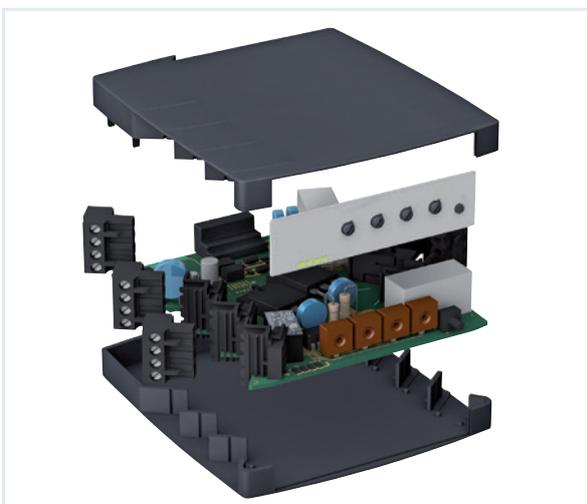
- Simple construction of the enclosure achieved by a shell design
- Allows for cost-effective automated assembly
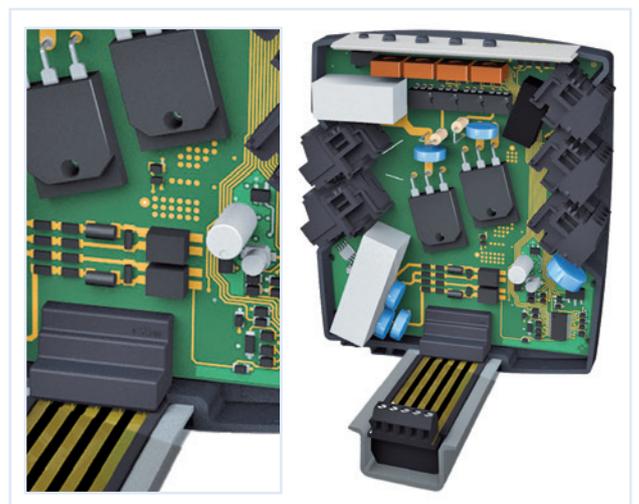
- Optional In-Rail Bus System provides quick and reliable data and power transfer
- Gold plated double contacts of the terminal blocks provide a permanent contact to the bus system for safety and security

K70 Series

- Widths: 22.5, 32.5, 45, 75, 100 and 150mm
- Up to 32 pressure plate terminals
- PCB mounting in various planes

KO 4070 Compact Series

- Widths: 12.5, 20 and 28mm
- Optional integral or opaque/transparent removable front plates
- PCB mounting in three planes
- Machine solderable double pins
- Captive plus/minus screws
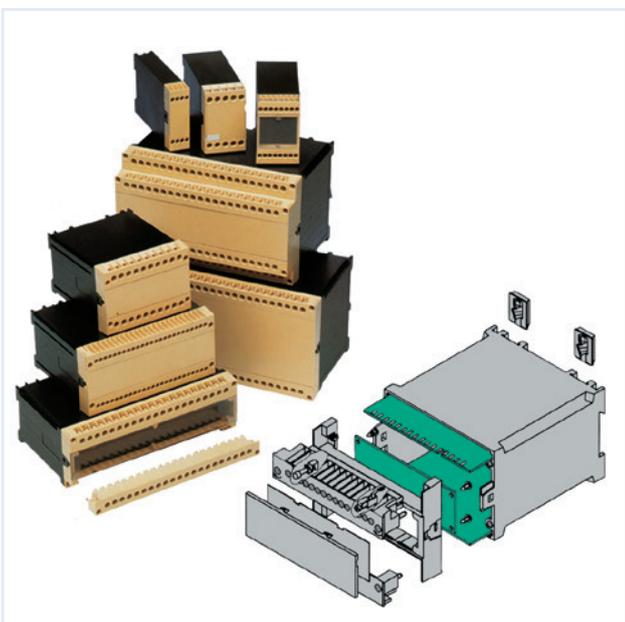
KO 4000 Series

- Widths: 22.5, 45, 75, 100, 150 and 200mm
- Connection to pcb via solder pins or card-edge connector
- Screw clamp terminals
- Removable terminal strips
- Terminal blanking strips available
- Optional integral or opaque/transparent removable front plates
- Captive plus/minus screws
- Many pcb mounting positions
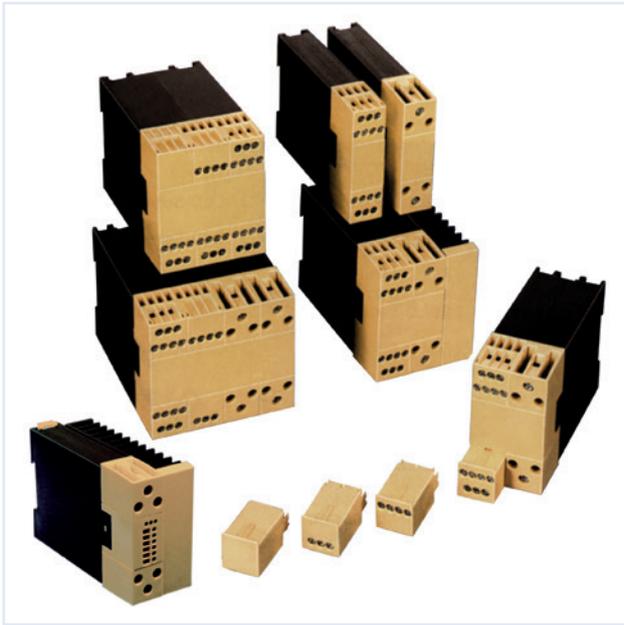
KO 4030 Series

- Widths: 22.5, 45, 67.5 and 90mm
- Up to 56 box terminals
- Captive plus/minus screws
- Removable terminal blocks for pcb card-edge connection
- Terminal blocks with 3, 4, 7 terminals or blank
- Available with high current terminals and heat sinks for power electronics
- For EExi to DIN EN 50020

KO 4300 Series

- Widths: 22.5, 45, 67.5 and 90mm
- Optional enclosure heights of 97mm or 118mm
- Up to 16 terminals per 22.5mm module
- Connection to pcb via high temperature machine solderable terminal blocks, which require no masking in flow solder machines
- Adaptable for fieldbus and datacommunications applications
- Available with earth contact to DIN-Rail
- Integral screw terminals
- Plug-in screw terminals
- Plug-in cage-clamp terminals

KU 4059/61 Series

- Adaptable for fieldbus and data-communications applications
- 1 and 2 cassettes
- Widths: 70mm and 140mm
- Bus specific control modules for rapid equipment compatibility
- All advantages of KU 4000

KU 4100 Distribution Series

- For building into distribution panels - 70mm depth with standard 45mm distribution cut-out
- Widths: 17.5, 35, 52.5, 70, 105 and 140mm
- Base plates with side walls available for mounting of pcb assemblies

KO 4900 Series

- Widths: 17.5, 35 and 70mm
- Up to 32 terminals
- Captive plus/minus screws or cage-clamp terminals available
- Connection to pcb via machine solderable terminals
- Adaptable for field bus and data communications applications
- DIN-Rail or screw mounting housing
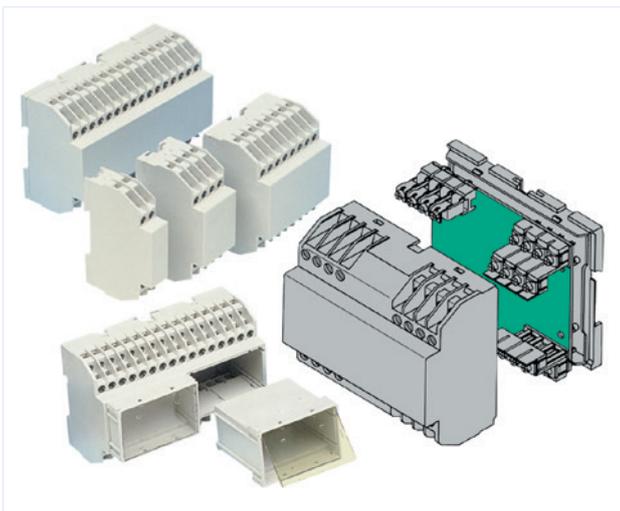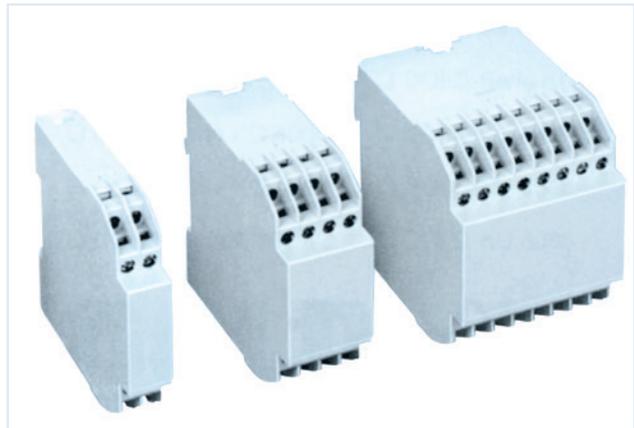
KU 4000 Distribution Series

- Fits standard 45mm distribution cut-outs
- Widths: 8.8, 17.5, 35, 70, 105 and 140mm
- Up to 64 pressure plate terminals
- Vibration proof connections
- Connection to pcb via machine solderable terminals
- Can be highly customised with slots, holes, terminal blanks
- The range for all distribution panel applications

Ordering Scheme

NOTE: Due to the extensive configurations in these ranges, separate information is available with dimensional data, pcb mounting options, suitability for use in EExi to EN 50 020 and EMC requirements, on request.

Techna DIN-RAIL ENCLOSURES

In-Rail Bus System

KS4400
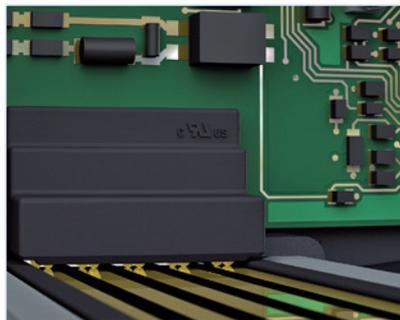
Connecting rather than wiring

Economical and adaptable

The In-Rail Bus replaces the costly individual wiring by an uninterruptible and flexible system solution. It is safely integrated in a standard 35mm top-hat rail. Perfectly fitting carrier sections allow the use of standard rails with a height of 7.5mm or 15mm.

System Components

Gold Plated PCB
Carriers 7.5/15mm
Coded Spring-contact block
Rail Cover
LH/RH End Caps
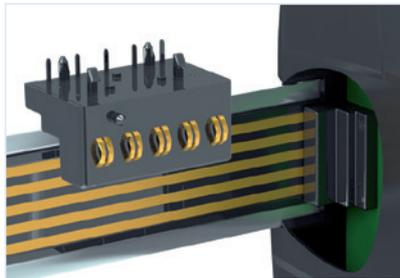
High contact reliability

The machine-solderable contact spring block with its gold-plated contacts ensures a permanent contact to the In-Rail bus. This prevents unwanted bus interruptions and high contact resistances and thus provides a maximal availability of your system.

PCB Mounted in an Enclosure

Coded Spring-Contact Block

Carrier Rail Cover

BUS PCB

Carrier Profile 7.5/15mm

Safety Cap Left

DIN-Rail

Safety Cap Right

KS4404

In-Rail-Bus Enclosures

KO4300	KO4030	KO4900	KU4000	KU4100