

- BOX for KIT boards
- Easy boards exchange
- Bus including inbuilt terminators
- Possibility of internal supply expansion
- High interference resistance
- Rust-free case
- Wall-hanging mounting



### Basic characteristic

KITBOX plug-in units are designed for control-systems construction from standard boards of SofCon kits. The case is made of rust-free steel and so are the front panels of boards. It is fitted with runners and bus with terminators. On the rear side are oval hole intended for hanging on the wall. The BOX is made in two sizes - fitting for 10 or 15 boards.

Standard SofCon KIT boards are mounted on aluminium base, which enables insertion in to the rails. In to the holes on the base can be mounted also boards of half the dimension (e.g. analog input/output boards) and small communication modules. The board connectors have a rust-free panel from the front side. Holder, placed on the top part of the panel is designed for easy board usage. Every single board can be variably fitted with collar screws, which serve against undesirable protrusion. The aluminium base with rust-free panel and a special clip on the rail provides a quality connection to the ground and shielding between the boards, which highly improves interference resistance of control system.

The max thickness, including the aluminium base, is 20 mm. Processor boards are thicker then the others and for them is reserved a positions on the box left side. The position on the other side of the box can be used for a combination of half-dimension board and helping power supply unit from which can be supplied half of the used boards after an interruption of wire crossover on the bus bar.

The unused positions need to be filled with blind panels (needs to be mentioned in order).

### Technical data

	<i><b>KITBOX10</b></i>	<i><b>KITBOX15</b></i>
Number of positions	<i>CPU + 9 **</i>	<i>CPU + 14 **</i>
Terminators	<i>YES</i>	<i>YES</i>
Possibility of helping supply	<i>YES</i>	<i>YES</i>
Protection	<i>IP20</i>	<i>IP20</i>
Dimensions in mm (d x š x h)*	<i>249 x 182 x 145</i>	<i>356 x 182 x 145</i>
Weight (without boards)	<i>1,8kg</i>	<i>2,5kg</i>

\* BOX depth is without the holders on the panels and complementary accessory connected connectors

\*\* for CPU KITMSM586 and KITPC, one position less

## Order data

For an order is necessary to specify following data:

- type of KITBOX10, KITBOX15 plug-in unit
- number of blind panels (number of blinded positions)

## List of boards applicable to KITBOX

### Control units

- KITV40 Industrial control unit 16bit, 16MHz
- KIT188ER Industrial control unit 16bit, 50MHz
- KIT386EXR Industrial control unit 32bit, 33MHz
- KITMSM586 Industrial control unit 2bit, 133MHz
- KITPC Industrial control unit 2bit type PC, 667MHz

### Digital output/input boards

- IODIO01 32 opto-input
- IODXO01,02 16 opto-input and 16 opto-outputs
- IODOO01,02 32 opto-outputs
- IOP P-Bus -board
- IOFLEX02 Programmable board of quick I/O

### Boards of analog inputs/outputs

- IOADDA01, 02 8 A/D inputs and 2(4) D/A outputs (12 bit)
- IOAD03 8 A/D inputs (16 bit)
- IODA01 12 D/A outputs (12 bit)

### Communication boards

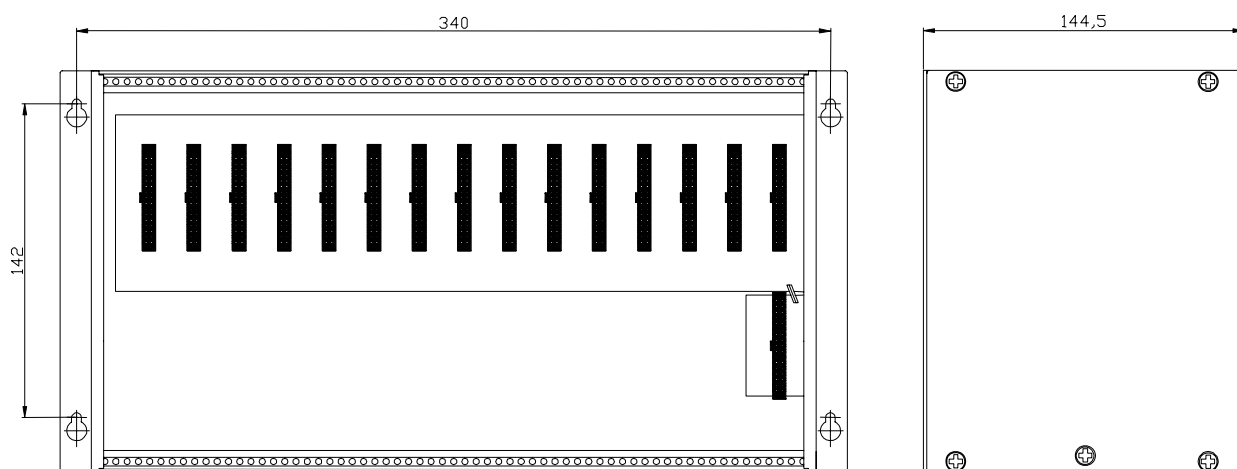
- IOCOM 2x COMBus
- IOPCOM 2x COMBus, PBus, Centronix
- IOP485I 2x RS485, galvanic isolated
- IOCAN01, 02 1x CAN, 2x CAN
- IOETH01 Ethernet

### COMBus communication modules

- COM485I RS485 interface, isolated
- COM232S, L, I RS232 interface small, complete, isolated

## Mounting holes layout

### KITBOX 15



### KITBOX 10

