



# Emergency box - hydraulic cranes

Easy access to critical spare parts ensures crane operation

Technical information CM136

## General

To ensure the performance of your ship cranes, it is vital to have quick and easy access to critical spare parts. This way expensive downtime can be avoided.

Our emergency box contains the most critical spare parts that will keep your crane running. The included parts are selected by our service department, based on years of experience.

A paper binder with hydraulic and electric circuit diagrams is included in the emergency box, to enable quick troubleshooting - together with an inventory list with all included spares, to facilitate easy refill of the box.

## Advantages

- Quick access to critical spare parts
- Increases the availability of the cranes
- Advantageous price, compared to buying single items
- Suitable for all hydraulic cranes with control system CC2000 or CC3000
- Easy to store on board
- Easy to refill after use

### Included spare parts

The content in each emergency box is individually adapted to suit the cranes on board your vessel.

• Controller; hoisting	x 1
• Controller; slewing/luffing	x 1
• Electronic MC-card	x 1
• Electronic CC-card	x 1
• Motor switch; Q5	x 1
• Contact set; for K1	x 1
• Contact set; for K2, K3	x 1
• Coil; for K1, K2, K3	x 1
• Contactor; K5, K34	x 1
• Contactor; K32, K33	x 1
• Auxiliary contact block, NO	x 2
• Auxiliary contact block, NC	x 2
• Time delay; K9	x 1
• Time relay; K70	x 1
• Time relay; K71	x 1
• Transformer; T3	x 1
• Micro switch; for limit box	x 1
• Fuse; F4, F6	x 10
• Slack wire switch, hoisting	x 1
• Slack wire switch, luffing	x 1
• Power supply; U1	x 1
• Pressure transmitter	x 1
• Pressure switch; 1311	x 1
• Pressure switch; 1381 and 2481	x 1
• Filter cartridge	x 1
• Roller bearing for wire sheave (crane)	x 2
• Circlip for wire sheave bearing (crane)	x 4
• Roller bearing for wire sheave (block)	x 2
• Circlip for wire sheave bearing (block)	x 4

### Ordering emergency box

Please state Mfg No. for the cranes when ordering.

Crane	Control system	Part No
GL	CC2000	1192536
GL	CC3000	1194649
GL	CC3000 MLC	1239959
GLB	CC3000	1239978
GLH	CC2000	1239985

### Aluminum box

The spare parts are stored in a strong aluminum box that can be locked with padlocks. The inside of the box is lined with soft protection material to prevent the parts from any damages.



Size: 900 x 400 x 500 mm.

Weight: 75 kg (approx.)



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