

CONTROL BOX CB8-A

Features:

- Connection of max. 3 actuators, type LA12, LA22, LA28, LA28S, LA30L or LA32 via jack plug in the control box
- Extremely compact design
- Duty cycle: Max 10% or 2 min. in use followed by 18 min. not in use
- Output voltage 24 V DC
- Ambient temperature +5° to +40° C
- Colour: black
- 8 Pin DIN-socket for handset
- High-capacity battery (2.7 Ah) batteries enables long period of operation between charges
- Snap-fit top battery compartment for easy battery removal
- Recharging through external charger CH08 plugged into handset HB40A or directly into the CB8A
- Acoustic alarm sounds when batteries are low and recharging should be started

Options:

- Three channels for three actuators
- CB800XNXX-X0 is equipped with emergency stop (max. 2 actuators)
- CB800XBXX-X0 has a charging socket fitted in the control box (normally in HB40A only) (max. 2 actuators)
- CB800XCXX-X0 with an emergency stop button and charging socket (max. 2 actuators)
- CB800XPXX-X0 fitted with emergency stop button (max. 2 actuators). The emergency stop breaks the connection between the batteries and channel 1 and 2

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The CB8-A is a battery powered control box operating up to 3 actuators individually. One of these channels can be used either as an emergency stop or for battery charging.

Simple design and high quality construction make the CB8-A an ideal control box choice for mains-free operation of beds, chairs, tables and many other mobile applications.

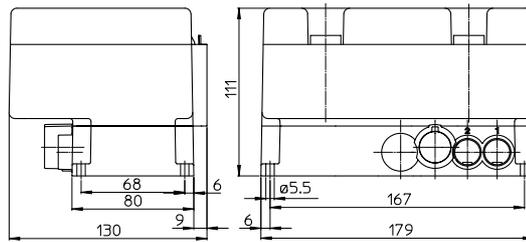
Important: individual current cut-off:

The current to each actuator is monitored and when this reaches a specified value, the current to that actuator is cut-off. As the actuators do not have the same current consumption the cut-off values must also be different. Therefore it must be specified which actuator is to be connected to which channel:

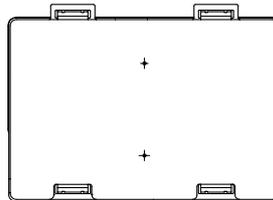
TYPE	CURRENT CUT-OFF (A)
LA12, LA22, LA28	2A (2.35 +/- 0.35 Amp)
LA30.4L	3A (3.00 +/- 0.35 Amp)
LA30.1/2L /LA32.1/2	4A (4.00 +/- 0.50 Amp)
LA28.S	5A (5.35 +/- 0.50 Amp)
LA30.KL/ LA32.K/LA32F	6A (5.90 +/- 0.70 Amp)

Dimensions:

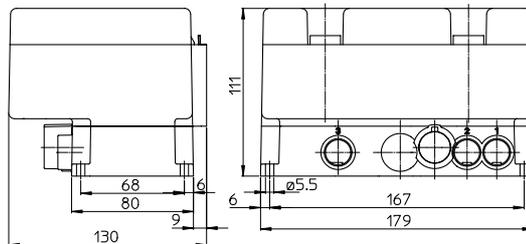
CB8-A (2 CH)



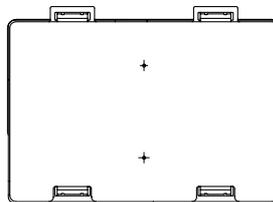
CB8-2A



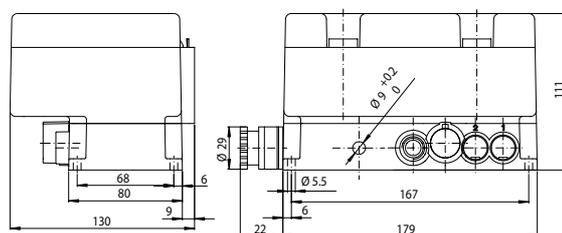
CB8-A (3 CH)



CB8-3A

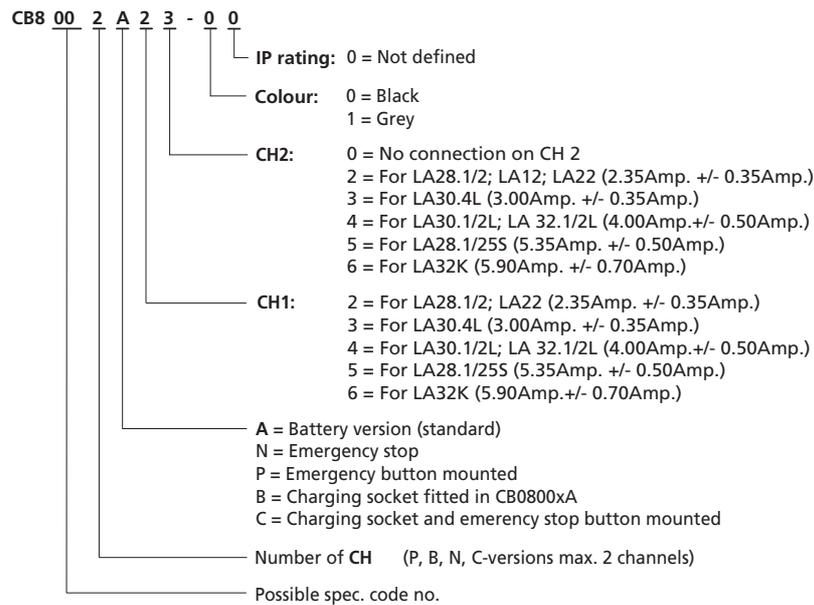


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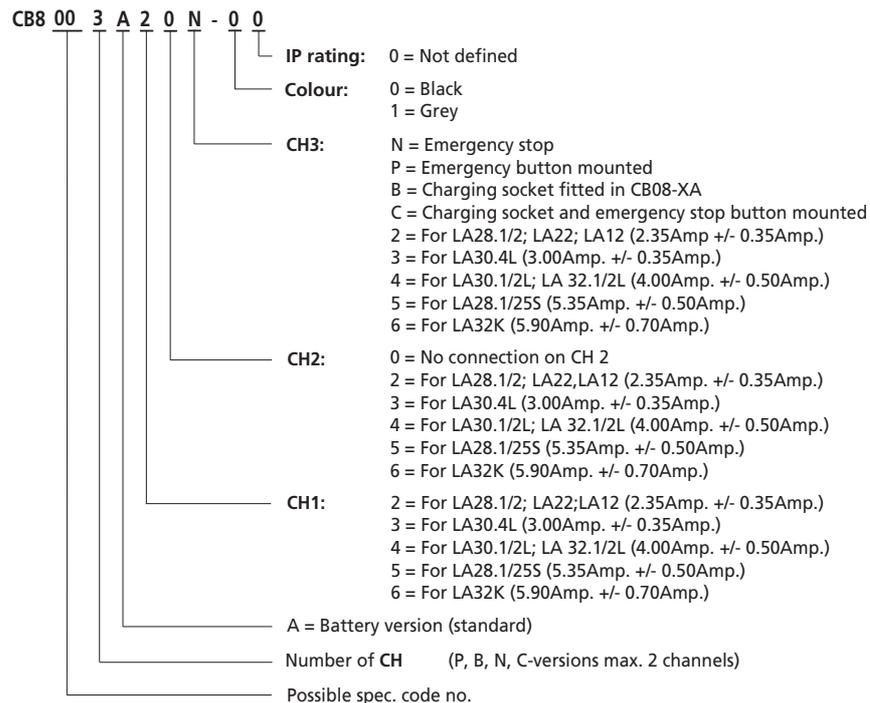
CB8-2A - for two actuators

Ordering example:



CB8-3A - for three actuators or emergency stop

Ordering example:



General information for both CB8-2A and CB8-3A:

- Max. connection of 1 x LA32K
- When using LA22 max. thrust reduced by ca. 25%
- Note: max. accumulated power consumption is 10 Amp.
- The measurement is individual for each channel, but if the total current consumption reaches 10 Amp, the CB cuts off the current. The CB and the actuator are therefore protected via a common measurement.
- Charger has to be ordered separately
- Battery BA0800 has to be ordered separately
- With CB800XNXX-X0 channel 3 must be short-circuited before connection to allow proper function and battery charging.
- When using the CB8-A with emergency stop button the stop button must be released before charging batteries.

Specifications subject to change without prior notice.
It is the responsibility of the product user to determine the suitability of LINAK A/S products for a specific application. LINAK will at point of delivery replace/repair defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/repair.