External Charger CHL50

Data Sheet

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Introduction

The CHL50 charger is an important part of the LIFT50 family. It functions as a wall charger when mounted on the wall, but also as a more mobile charger simply placed horizontally on its back on any surface.

The CHL50 is equipped with universal power input for worldwide use and is provided with very visible charging indicators.

Features and options

Functional and elegant design with ergonomic battery handling

Charging time BAL50 battery pack:	Approx. 4 hours
Mains voltage:	100-240 VAC/50-60 Hz
LED indication:	Visible LED indicators
Charging current:	Approx. 650 mA
Protection class:	IPX4 (only when mounted vertically)
Colour:	Signal white RAL 9003
Mains cable:	Exchangeable mains cable

Usage

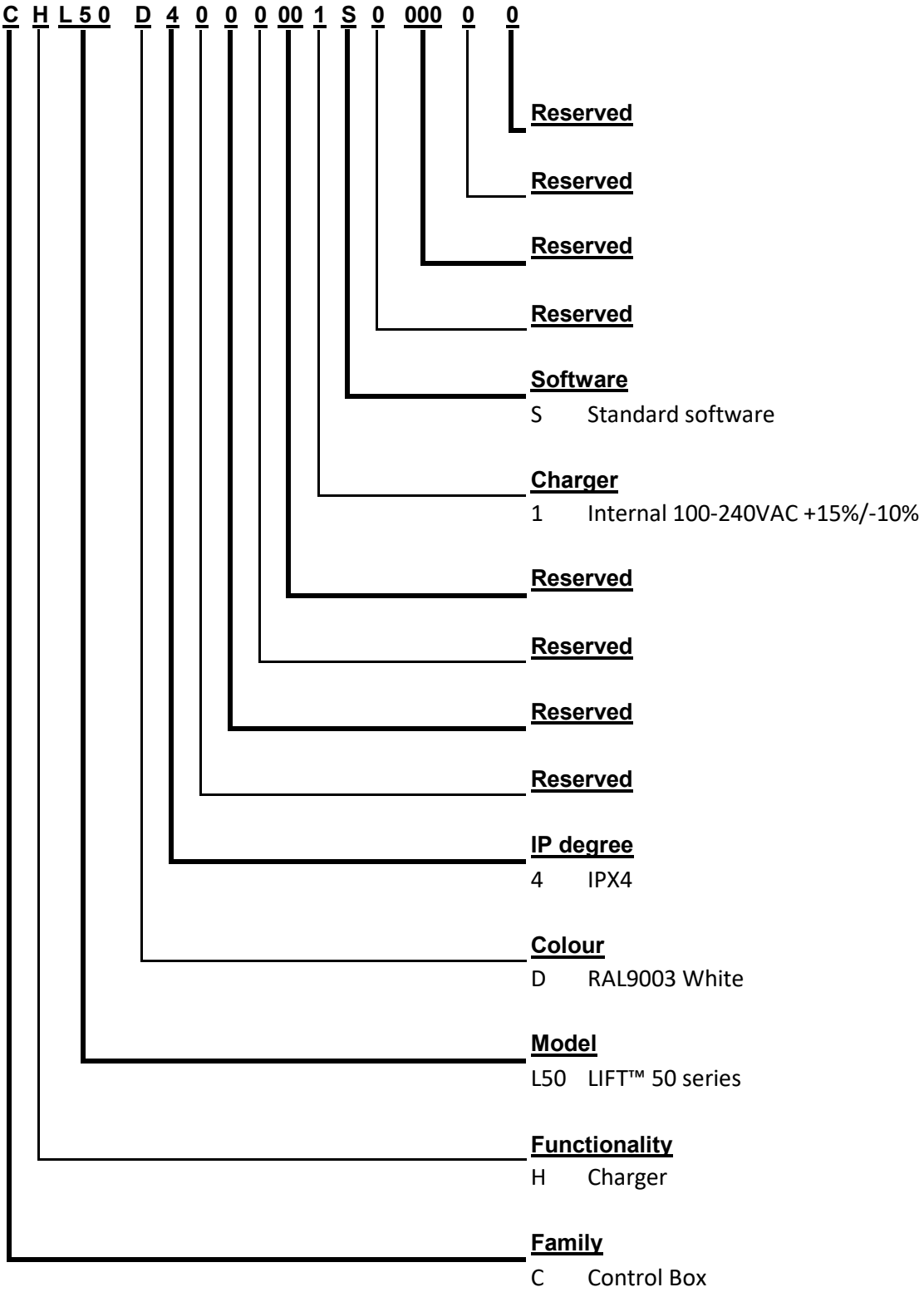
Usage temperature:	+5 °C to 40 °C
Storage temperature:	-10 °C to 50 °C
Relative humidity:	20% to 80% - non-condensing
Atmospheric pressure:	700 to 1060 hPa
Height above sea level:	Max. 3000 meters

Mains supply grid should be limited to the highest prospective short circuit current of 100 A.

Demands to mains supply safety for the application in accordance with IEC 60601-1 ed. 3.2, § 8.11.5

Nominal current draw:	Max. 350 mA
Power consumption (standby):	< 0.5 W
Power consumption (charging):	Max. 25 W
Approvals:	IEC 60601-1
	ANSI/AAMI ES60601-1
	CAN/CSA-22.2 No. 60601-1
	IEC 60601-1-2
	PSE

Ordering example



Approvals and certifications

For approval documentation, LINAK recommends specifying the product type instead of individual item numbers to ensure broader approval coverage and simplify future product changes.

Listed LINAK item for application approval: CHL50

If this is not possible, we advise being as non-specific as possible when specifying LINAK products in your approval application:

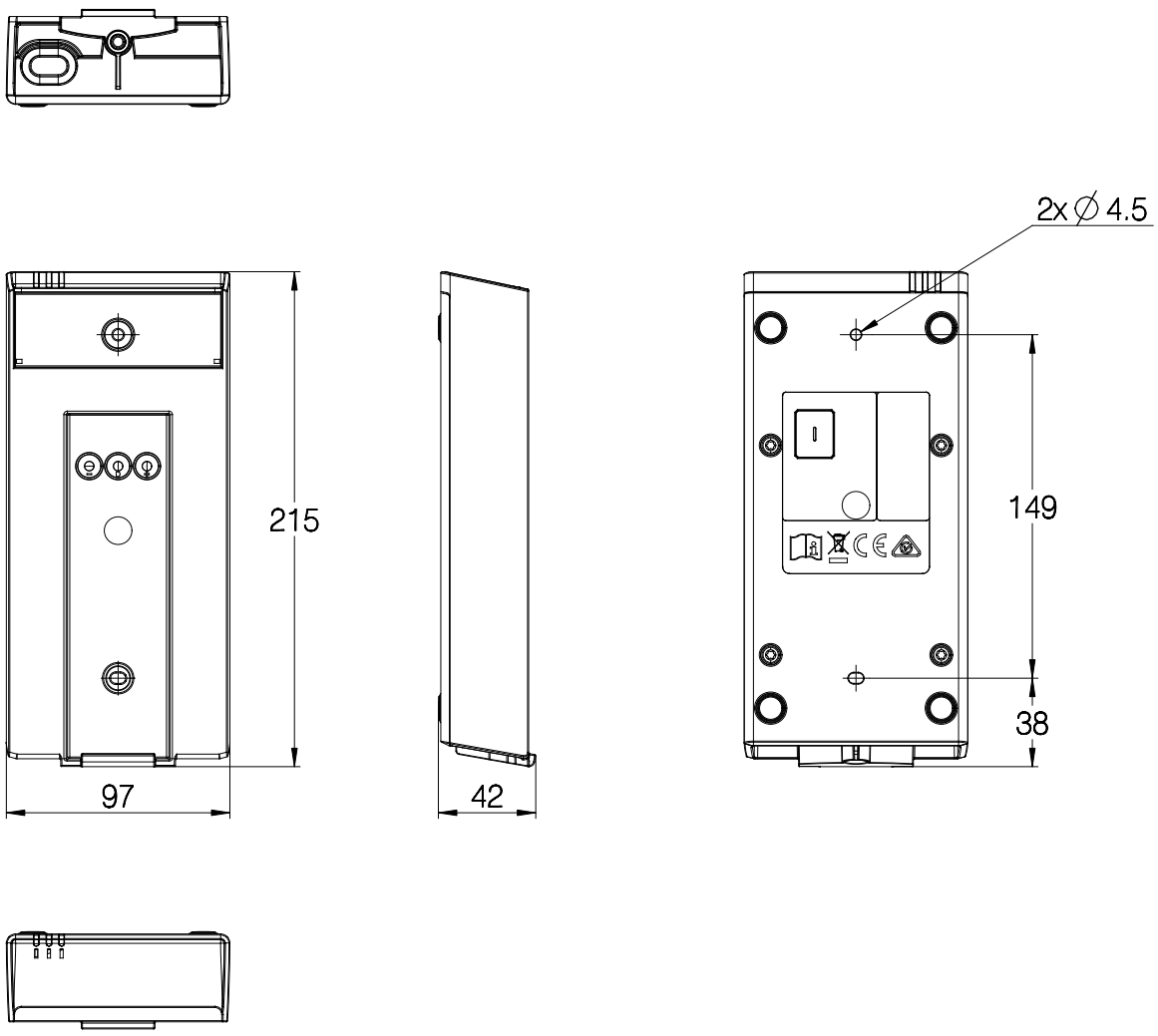
Listed LINAK item for application approval: CHL50*SSSSSS**SSSSSS

" * " is not safety critical and we recommend including a non-specific signifier such as an asterisk.

" S " is safety critical and represents a listed critical component in the product and cannot be left out.

For more information, please refer to "Approvals and certifications" in LINAK Application Design Recommendations found under User Manual for any given product on LINAK.com

Dimensions



Drawing no.: 1039W4001

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