

Annex to Type-Examination Certificate 01/208/6003/12

Component:	'Safety Circuit Board' - PCB containing monitoring circuits and safety chain wiring 'Cabin Connection Board' - PCB containing safety chain wiring	
Certificate holder / manufacturer:	MLC electronic d.o.o. Puškarićeva 104 B 10250 Zagreb-Lučko Croatia	
Designation / Type:	LC100-S - 'Safety Circuit Board' LC100-Z - 'Cabin Connection Board'	
Ident-No.:	LC100-S: Rev.I 10/2012 + sticker with safety chain voltage: 230VAC or 48VAC or 48VDC LC100-Z: Rev.F 10/2012	
Intended use:	LC100-S: For use in passenger lifts and goods passenger lifts to gather switching status of the safety chain and to act as an interface board for the safety chain wiring. LC100-Z: For use in passenger lifts and goods passenger lifts to act as an interface board for the safety chain wiring.	
Characteristics LC100-S:	Monitoring circuits input voltage: (terminals XS9 ... XS13)	according to type: max. 230 VAC max. 48 VAC max. 48 VDC
	Monitoring circuits input current:	max. 6 mA
	Safety chain wiring input voltage: (terminals XS1...XS8, XS16...XS18)	max. 230 VAC
	Safety chain wiring current:	max. 2 A
Characteristics LC100-Z:	Safety chain wiring input voltage: (terminals XZ10...XZ16)	max. 230 VAC
	Safety chain wiring current:	max. 2 A
Common characteristics LC100-S + LC100-Z:	Protection degree:	IP 20
	Operating Temperature:	0...+50 °C
	Further technical data see LC100 Boards description document of company MLC electronic d.o.o.	
Maintenance:	The correct installation is to be checked periodically.	

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Installation:	<p>The guidelines in the LC100 Boards Description document are to be considered.</p> <p>Furthermore the ancillary conditions have to be considered:</p> <ul style="list-style-type: none">• On the installation of the LC100-S as well as the LC100-Z the national regulations and the EN 81-1/-2 are to be considered.• By the selection of an appropriate installation place it needs to be ensured that environmental influences like water, conductive dust and condensation don't have a negative impact on the safety-related areas of the LC100-S and LC100-Z.• The N-wire to the coils of the safety-relevant contactors shall be connected to one terminal of LC100-S/XS13. The system's N-potential shall be connected to the other terminal of LC100-S/XS13, and when creating a break of the N potential at that terminal the safety-relevant contactors shall be de-energized.• The N-wire of the LC100-S has to be installed in a way that loosening and contact with live parts can be excluded.• After installation of the monitoring circuits the reliable assembly of the N-wire between the safety-relevant contactors and LC100-S/XS13 has to be checked.• After installation and in line with the recurring checks of the lift, the correct installation has to be checked.
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