

Confidentiality level class 2:



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This hardware and firmware modification could be done only on ELC Traffic to increase flash capacitors life duration when the ELC Traffic have to be set always ON by mains at maximum power.

The goal is to increase flash capacity to work at lower voltage with same energy.


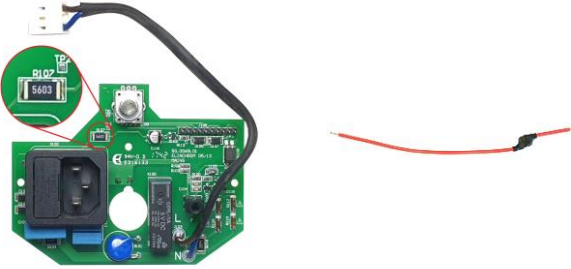
This modification must be done only by an official Elinchrom Distributor repair center.

Modification material:

	270.521.SAV	ELC Traffic Flash Board	ELC Flashboard 500 270.520.SAV with 4x Flash capacitors 14342.SAV 2600uF instead 14348.SAV 1300uF
	270.025	ELC 1000 Cap Fix	To replace ELC 500 Cap Fix 270.020 to fit with ELC Traffic Flash Board 270.521.SAV
Firmware		elfirmware_elc_series_master_r80.elx	

1. Power ON by mains modification

First, to have the ELC Traffic powered on by mains, make the “ELC Pro HD – Power ON by mains modification”, find this modification in our Elinchrom Distributors Center > Technical Center > Devices Documentation > ELC Traffic

Before	After
270.105 ELC Mainboard	270.106 ELC Mainboard - Power ON by mains version 270.900 ELC internal cable with PTC
	

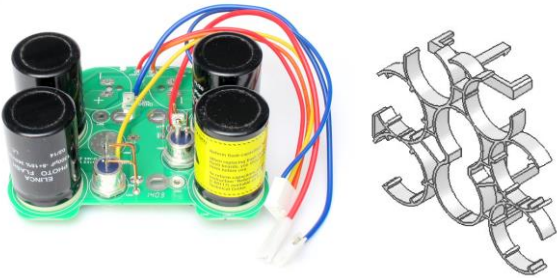
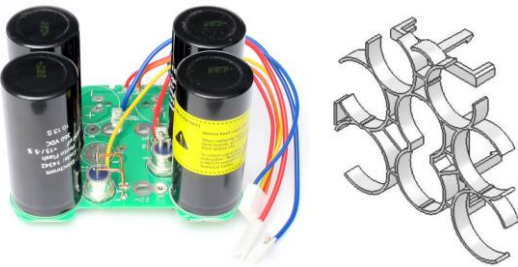
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2. ELC Traffic Flash Board

Replace the ELC Flashboard 500 270.520.SAV by the ELC Traffic Flash Board 270.521.SAV. This Flash Board have 4x Flash Capacitors 14342.SAV 2600uF instead 14248.SAV 1300uF

To mount the new ELC Traffic Flash Board 270.521.SAV, replace also the ELC 500 Cap Fix 270.020 by the ELC 1000 Cap Fix 270.025

Before	After
270.520.SAV ELC Flashboard 500 270.020 ELC 500 Cap Fix	270.521.SAV ELC Traffic Flash Board 270.025 ELC 1000 Cap Fix
	

3. Firmware Update

Update the firmware by following the “ELC Traffic – Manual Firmware Update”. Instructions and firmware file `elfirmware_elc_series_master_r80.elx` are available in our Elinchrom Distributors Center > Technical Center > Devices Documentation > ELC Traffic