

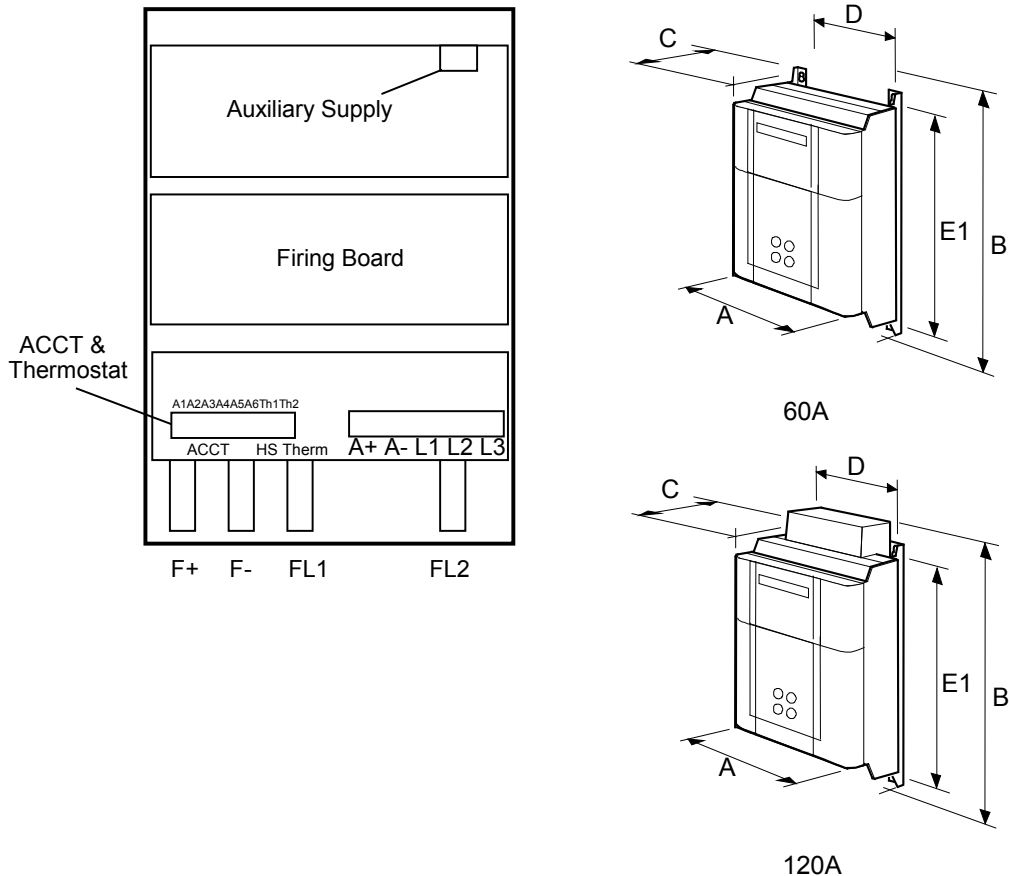
Overview

The 598/9P External Stack Controller Assembly provides the Hardware necessary to interface the 590Plus Control Door to an existing 3 Phase Stack assembly. The Design assumes that a Fully Controlled 3 Phase Six Pulse Converter exists which is complete with Thyristor Suppression, Current Feedback, Temperature Monitoring and Suitable Fusing.

The External Stack Controller Module provides: -

- Thyristor Firing Signals;
- Thyristor Firing Pulse Transformers;
- ACCT Feedback Rectification and Scaling;
- Armature Voltage Feedback Interface;
- Coding and Phase Rotation Interface;
- Mains Present Monitoring
- Heatsink Over-temperature Input;
- Field Power Modules and Input / Output Terminations;
- Field Current Monitoring and Scaling;
- All Standard 590Plus I/O Terminations.

Outline Drawing



Current Rating (A)	Weight in Kg (lbs.)	Overall Dimensions			Fixing Centres	
		A	B	C	D	E1
60	10-14 (22-30)	250 (9.8)	415 (16.3)	180 (7.1)	200 (7.9)	400 (15.7)
120	15 (33.2)	250 (9.8)	445 (17.5)	180 (7.1)	200 (7.9)	400 (15.7)

Dimensions are in millimetres (inches)