

APPENDIX C. ERROR CODE LIST

Code	Function name	Behavior after detection	Recovery method	Relay output destination	Error history
Er.01	Overcurrent detection	Operation stops	Power OFF	Relay (1)	Saved
Er.02	Temperature rise error	Operation stops	Power OFF	Relay (1)	Saved
Er.03	Fuse blowout	Operation stops	Power OFF	Relay (1)	Saved
Er.04	Self-diagnosis: Load short circuit error	Operation stops	Power OFF	Relay (1)	Saved
Er.05	Self-diagnosis: Thyristor open	Operation stops	Power OFF	Relay (1)	Saved
Er.06	Self-diagnosis: Thyristor short circuit	Operation stops	Power OFF	Relay (1)	Saved
Er.07	CPU error	Operation stops	Power OFF	(None)	Not saved
Er.08	Memory error	Operation stops	Power OFF	(None)	Not saved
Er.09	Emergency stop	Operation stops	Automatic recovery	(None)	Saved (only during operation)
Er.10	Power supply voltage drop	Operation stops	Automatic recovery	Relay (2)	Saved (only during operation)
Er.11	Instantaneous voltage drop	Operation stops	Automatic recovery	Relay (2)	Not saved
Er.12	Frequency error	Operation continues	Automatic recovery	Relay (2)	Not saved
Er.13	Heater disconnection	Operation continues	Automatic recovery	Relay (2)	Not saved
Er.14	Self-diagnosis: Load open error	Operation continues	Automatic recovery	Relay (2)	Not saved

Relay (1): Between 1A and 1C on the control terminal block, (2) between HA and HC on the control terminal block