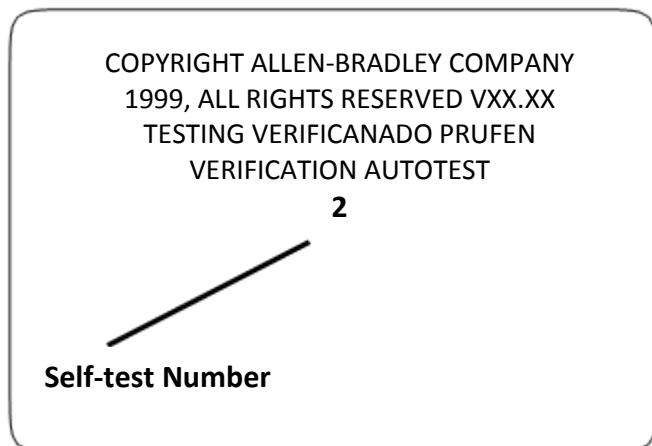


Allen-Bradley Panelview Self-Test Numbers

The self-test numbers appear on the screen during power up.



Test Number	Indicates
1	STATIC RAM test
2	Terminal searching for a file to download.
10	Erase boot flash area.
11	Copy boot code.
12	Boot code copy successful.
13	Boot code copy failed. Check for error after boot code is copied to the onboard flash EPROM.
20	Erase firmware from flash EPROM.
21	Copy firmware to firmware flash memory.
22	Firmware copy successful.
23	Firmware copy failed.
24	Performed CRC base firmware check.
25	Firmware not compatible with boot code.
26	Firmware not compatible with hardware.

Allen-Bradley Panelview Self-Test Numbers

Test Number	Indicates
30	Watchdog test
31	Stuck key test
32	Real time clock test
33	LCD RAM failed
34	Performed CRC extended firmware check

NOTE: You may not see all of these test numbers during a power up. If a test fails, the terminal displays:

ERROR! FEHLER! ERREUR! ERRORE!

The following test numbers appear only if a problem occurs.

Test Number	Indicates
40	No executable code to run after boot
50	Wrong memory card format
60	CPU could not execute code

The table below shows fault conditions that may occurred during power up.

Fault Indicator	Indicates
Solid Red	Static RAM test failed. Contact technical support.
Blinking Red (6 times per second)	Checksum test on boot code failed. Contact technical support.
Blinking Red (5 sec on/5 sec off)	Boot code is incorrect for terminal type (touchscreen or keypad). Contact technical support.

Allen-Bradley Panelview Self-Test Numbers

SAFETY BULLETIN

This notice is issued to advise you that some previously accepted shop practices may not be keeping up with changing Federal and State Safety and Health Standards. Your current shop practices may not emphasize the need for proper precautions to insure safe operation and use of machines, tools, automatic loaders and allied equipment and/or warn against the use of certain solvents or other cleaning substances that are now considered unsafe or prohibited by law. Since many shop practices may not reflect current safety practice and procedures, particularly with regard to the safe operation of equipment, it is important that you review your practices to ensure compliance with Federal and State Safety and Health Standards.

IMPORTANT

The operation of any machine or power-operated device can be extremely hazardous unless proper safety precautions are strictly observed. Observe the following safety precautions:

ALWAYS:

- ✓ Be sure proper guarding is in place for all pinch, catch, shear, crush, and nip points.
- ✓ Be sure that all personnel are clear of the equipment before starting it.
- ✓ Be sure the equipment is properly grounded.
- ✓ Turn the main electrical panel off and lock it out in accordance with published lockout/tagout procedures prior to making adjustments, repairs, and maintenance.
- ✓ Wear appropriate protective equipment such as safety glasses, safety shoes, hearing protection, and hard hats.
- ✓ Keep chemical and flammable material away from electrical or operating equipment.
- ✓ Maintain a safe work area that is free from slipping and tripping hazards.
- ✓ Be sure appropriate safety devices are used when providing maintenance and repairs to all equipment.

Allen-Bradley Panelview Self-Test Numbers

NEVER:

- ✓ Exceed the rated capacity of a machine or tool.
- ✓ Modify machinery in any way without prior written approval of the Besser Engineering Department.
- ✓ Operate equipment unless proper maintenance has been regularly performed.
- ✓ Operate any equipment if unusual or excessive noise or vibration occurs.
- ✓ Operate any equipment while any part of the body is in the proximity of potentially hazardous areas.
- ✓ Use any toxic flammable substance as a solvent cleaner.
- ✓ Allow the operation or repair of equipment by untrained personnel.
- ✓ Climb or stand on equipment when it is in operation.

It is important that you review Federal and State Safety and Health Standards on a continual basis. All shop supervisors, maintenance personnel, machine operators, tool operators, and any other person involved in the setup, operation, maintenance, repair or adjustment of Besser-built equipment should read and understand this bulletin and Federal and State Safety and Health Standards on which this bulletin is based.