

A.4 MB510 - Program Card Interface

- Holds flash PROM of the type PCMCIA
- Submodule which fits into Submodule Carrier SC5xx or Processor Module PM150.

Description

Utilizing an MB510 is one method of program card installation in an Advant Controller 400 Series.

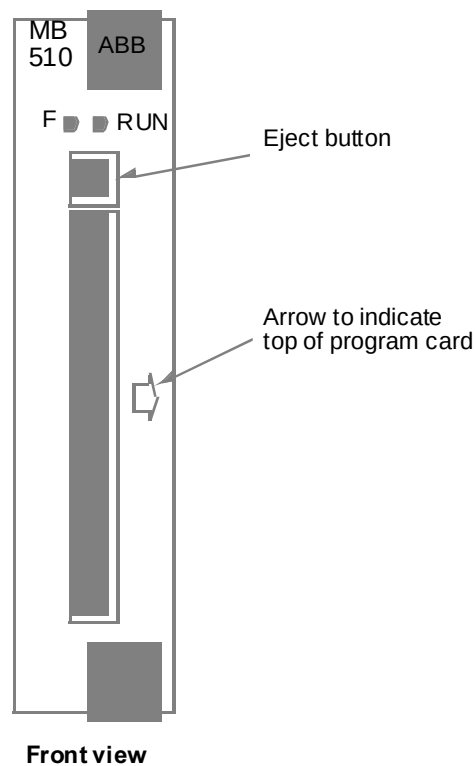
A program card is equipped with flash PROM for different use. For example to store and backup the system program of the controller.

An optional use is to store and backup the application program (separate program card).

The flash PROM content is loaded into the processor module RAM during the primary initialization of the controller.

The diagnostics are mainly based on cyclic check sum calculation.

A red LED on the module front indicates hardware error, check sum error or missing program card.



Technical Data

Indicators

LEDs on module front:

F (red)	Module error
RUN (green)	Module running normally

Power Supply

5 V d.c.	typical	10 mA
	max	170 mA (when reading)

Power loss (heat)	typical	0.05 W
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Mechanical Data

Module size	occupying one submodule slot
Module weight	0.12 kg (0.26 lbs.)

Block Diagram

