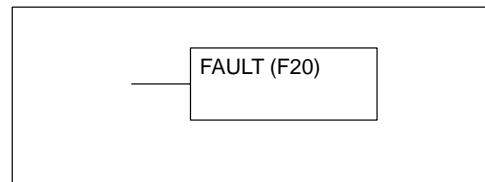


## Message Instructions

### Fault FAULT (F20)

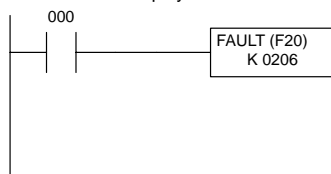
The Fault (F20) instruction is used to display a 4–digit BCD constant, 16–bit register, or two consecutive 8–bit data registers on the handheld programmer or in *DirectSoft*. When the fault instruction is executed the number being displayed will also be copied into the registers R574 and R575 and the discrete bit flag 771 will be on.



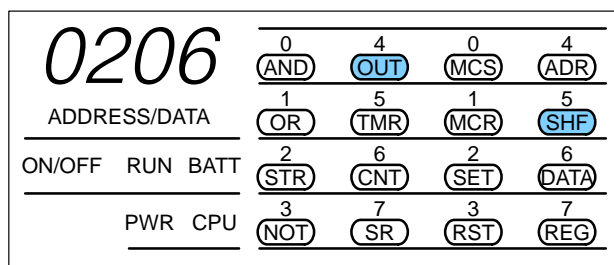
In the following example, when input 000 is on the number 0206 will be displayed on the programming device. This would typically be a user defined error code.

Data Type		D3–330 Range	D3–340 Range	D3–330P Range
A		aaaa	aaaa	aaaa
Inputs / Outputs	R	000–014 070–075	000–014 070–075	000–014 070–075
Control Relays	R	016–036	016–036 100–105	016, 020–27
Shift Registers	R	040–056	040–56	—
Stages	R	—	—	100–116
Timer /Counters (16 bit)	R	600–677	600–677	600–677
Data Registers	R	400–577	400–577 700–777	400–577
Constant (4–digit BCD)	K	0000–9999	0000–9999	0000–9999

*DirectSoft* Display



Handheld Programmer Display



Handheld Programmer Keystrokes

