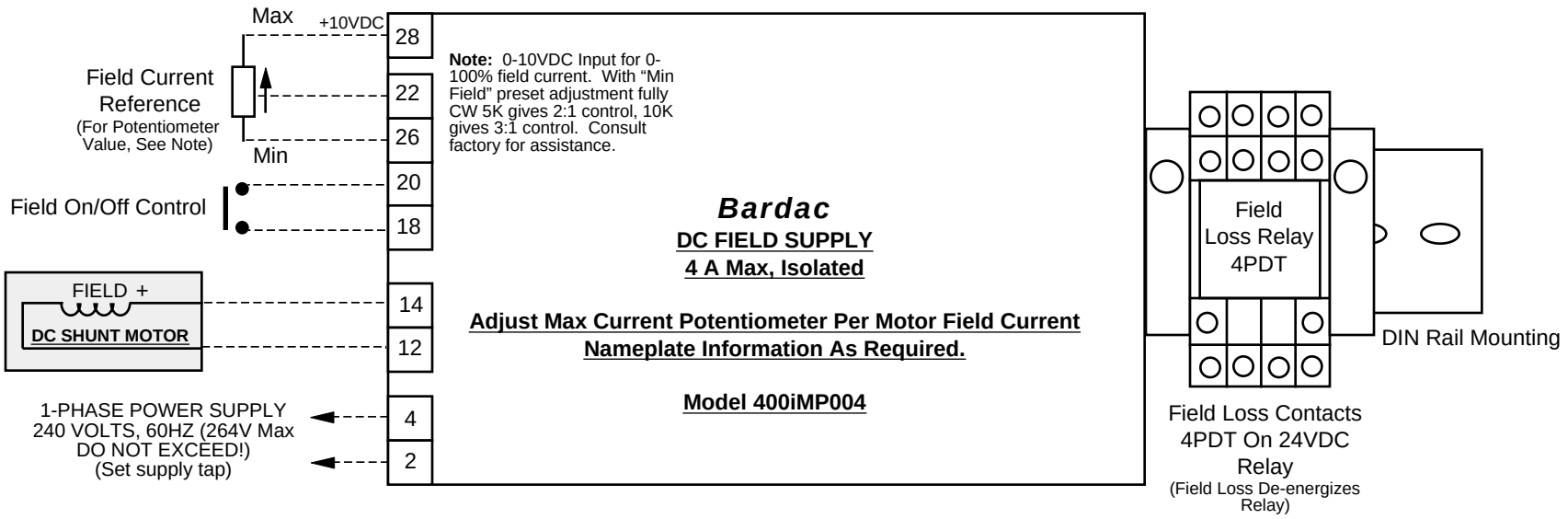
DOTTED LINES SHOW CUSTOMER CONNECTIONS
DEVICES SHOWN SUPPLIED BY OTHERS

WARNING!
This drawing is not intended to be used without the Installation & Operation manual appropriate for this device.



Approximate dimensions: 4"H x 10"L x 3"D
For panel mounting in a suitable enclosure

This assembly (500731) utilizing a 400iMP004 is designed to regulate field current thus controlling the field flux of a DC shunt wound motor.

Remote adjustments can be made to the field current via an externally derived setpoint. This setpoint can be set by either a potentiometer (configured as shown) or a suitable 0-10VDC analog reference voltage. The input impedance of terminal 22 is 50K.

Loss of field current is detected and an indication is provided by "volt-free" contact relay switching.

The unit can be configured to remotely switch the field on and off via a contact closure.

The field voltage available to achieve full current is determined by the AC input voltage. The DC voltage available at T12 & T14 will be approximately .9 x supply volts. Example: (240VAC line x .9 = 216VDC field volts maximium). Please consult Bardac for more details.

DO NOT SCALE

Title: ***400iMP004*** Field Supply with Field Loss Detection

Dwg. No. 500731

Issue	Date
A	1/22/97
B	3/5/97
C	2/26/98

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