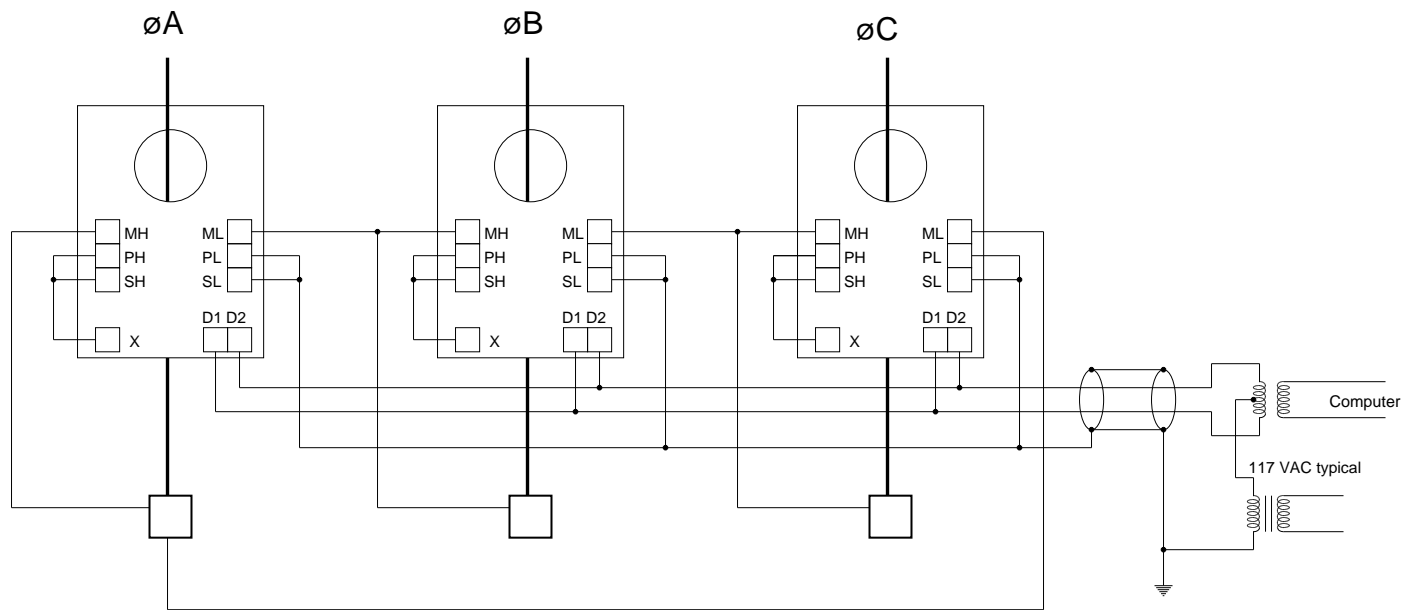


The 117 volt power delivered via the data bus must be phase coherent with the circuit being measured. If not, and if the phase voltages are less than 700 the SL terminals can be tied to one of the phases and the SL's to common.

Smart Sensor
 Three phase wye connections
 suitable for up to 4500 volts
 phase to common

Wednesday, March 27, 1996 at 14:25:56

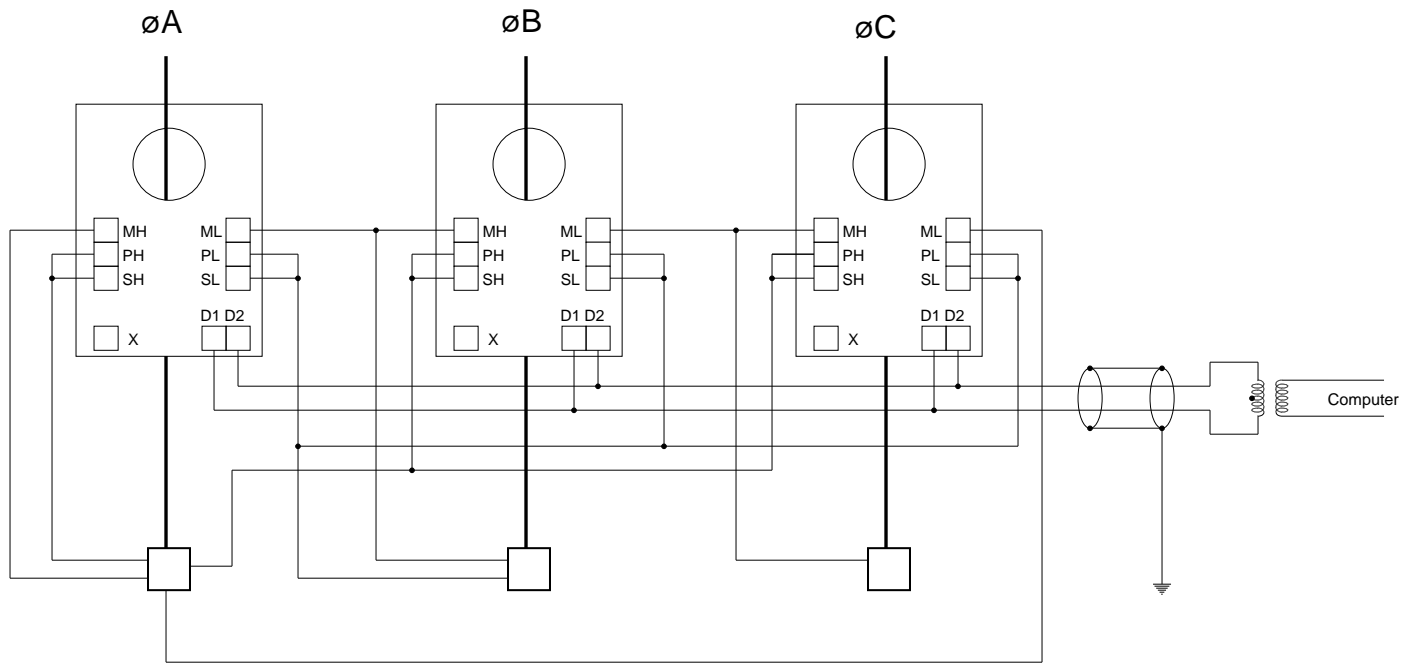


Smart Sensor

Three phase delta connections
suitable for up to 2500 volts
phase to phase

The 117 volt power delivered via the data bus must be phase coherent with the circuit being measured. If not, and if the phase to phase voltage is less than 700 the SL and SH terminals can be connected between a pair of phases.

Wednesday, March 27, 1996 at 15:17:51



Smart Sensor

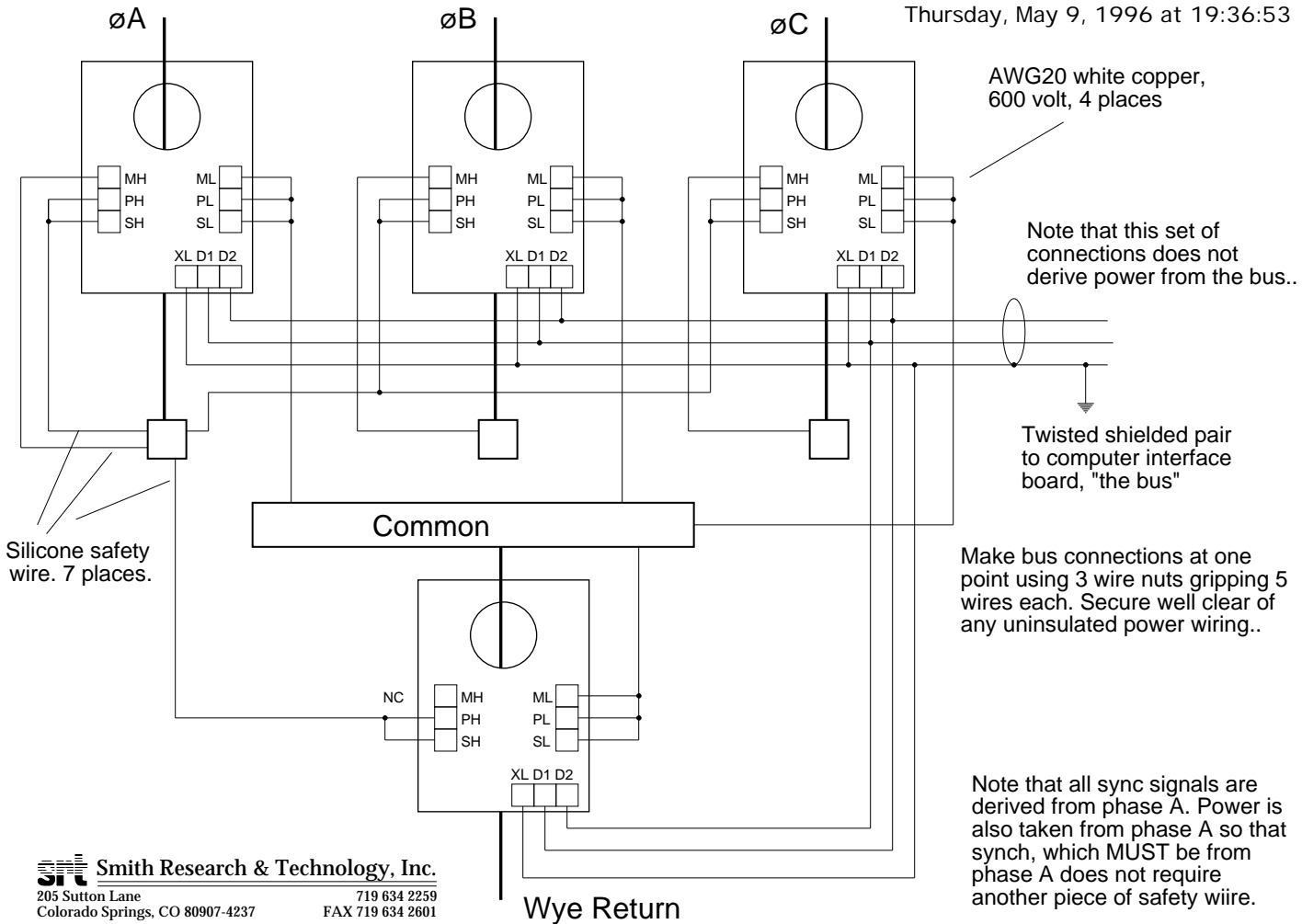
Three phase delta connections
suitable for up to 300 volts
phase to phase

This connection may be usable on
common 440 volt circuits when higher
voltage MOSFETS become available.

Wednesday, March 27, 1996 at 15:48:11

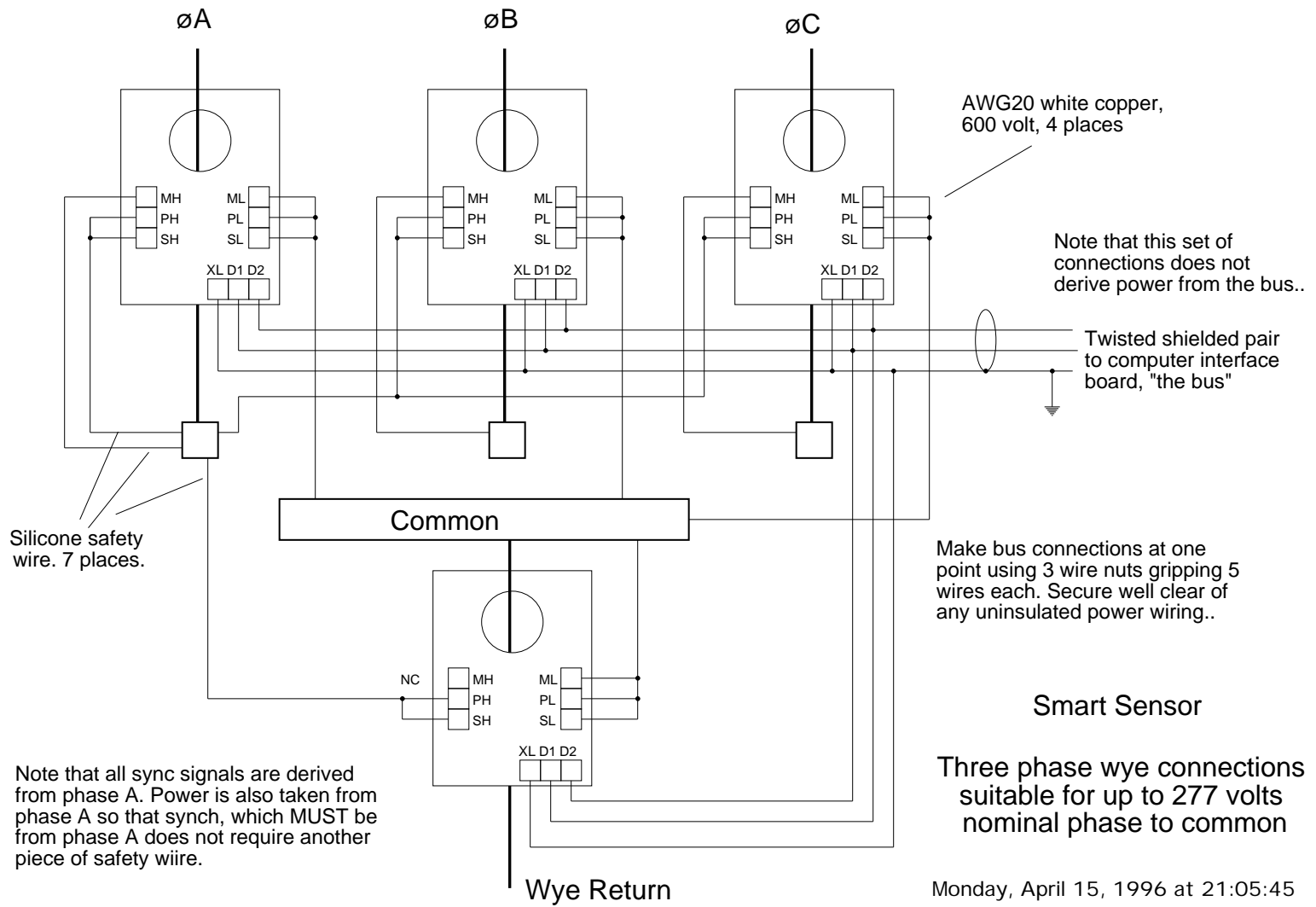
Three phase wye-connected Smart Sensor suitable for up to 277 volts nominal phase to common

Thursday, May 9, 1996 at 19:36:53



Smith Research & Technology, Inc.
 205 Sutton Lane
 Colorado Springs, CO 80907-4237
 719 634 2259
 FAX 719 634 2601

Smith Research & Technology Inc.
 3109 N. Cascade Ave
 Colorado Springs, CO 80907
 719 634 2259
 FAX 719 634 2601



AWG20 white copper,
600 volt, 4 places

Note that this set of
connections does not
derive power from the bus..

Twisted shielded pair
to computer interface
board, "the bus"

Silicone safety
wire. 7 places.

Make bus connections at one
point using 3 wire nuts gripping 5
wires each. Secure well clear of
any uninsulated power wiring..

Note that all sync signals are derived
from phase A. Power is also taken from
phase A so that synch, which MUST be
from phase A does not require another
piece of safety wire.

Smart Sensor

Three phase wye connections
suitable for up to 277 volts
nominal phase to common

Wye Return

Monday, April 15, 1996 at 21:05:45