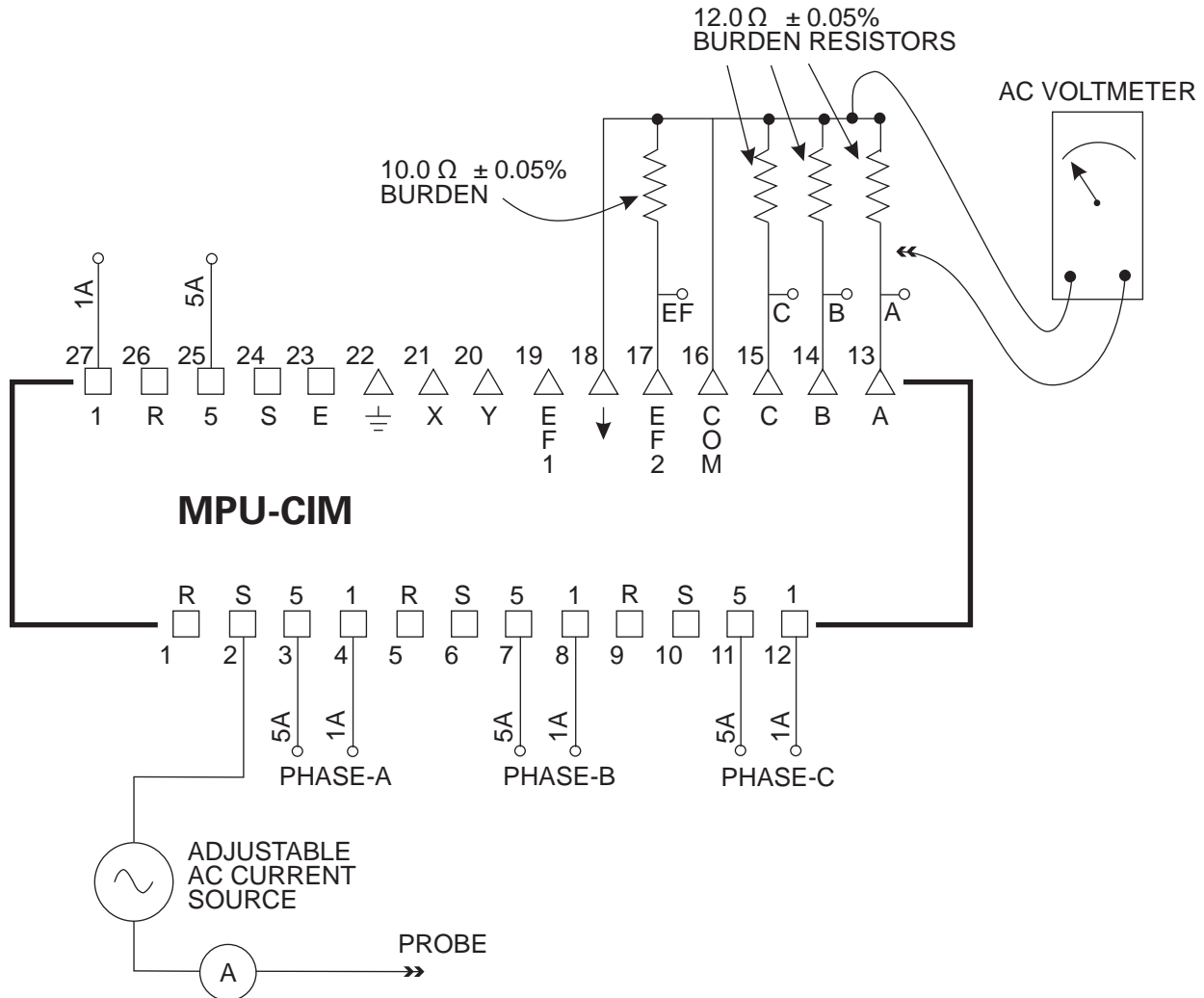


MP-07 : MPU-CIM FIELD TEST PROCEDURE

To field test the MPU-CIM, set up the test circuit shown below:



1. If an MPU-CIM is installed, disconnect all CT inputs and interconnecting cable to the MPU-32 or FPU-32.
2. Shorting screws must be removed!

Using "S" terminal as the common point, probe the 5-A and 1-A terminals of the MPU-CIM phase CT input and the earth-fault CT inputs. Inject test currents shown in Table 1 and verify output voltage specifications. Check for continuity between the "S" and "X" terminals. Check for continuity between the \perp and "Y" terminals.

MP-07 : MPU-CIM FIELD TEST PROCEDURE

Primary Current Test Levels	
Phase CT	EF CT
1A Winding: 0.70 Amps	0.80 Amps 50/60 Hz
5A Winding: 3.50 Amps	4.00 Amps
Secondary Output	
EF CT with $10.0 \Omega \pm 0.05\%$ burden:	378.0 ± 8 mV
Phase CTs with $12.0 \Omega \pm 0.05\%$ burden:	252.0 ± 5 mV

Suggested multimeter for ac current measurement:

- Philips PM2525

Suggested multimeter for ac voltage measurement:

- Philips PM2525