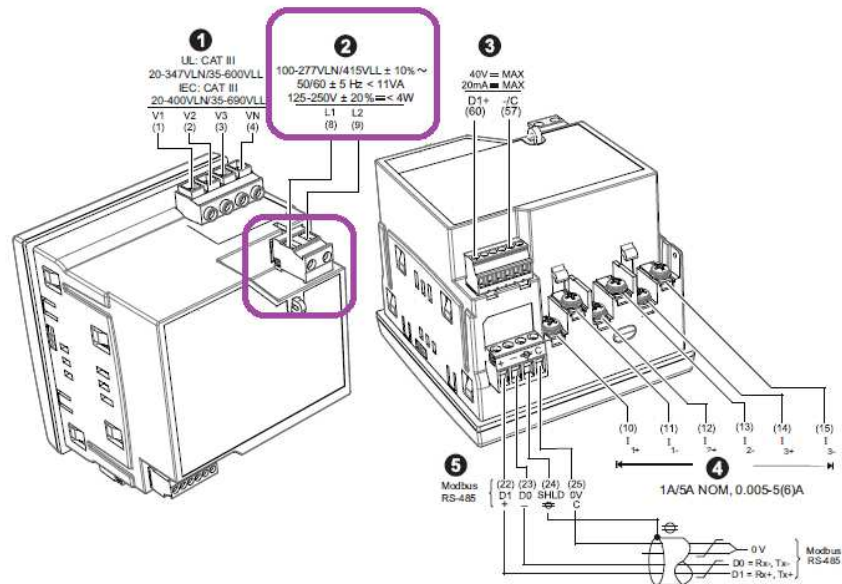
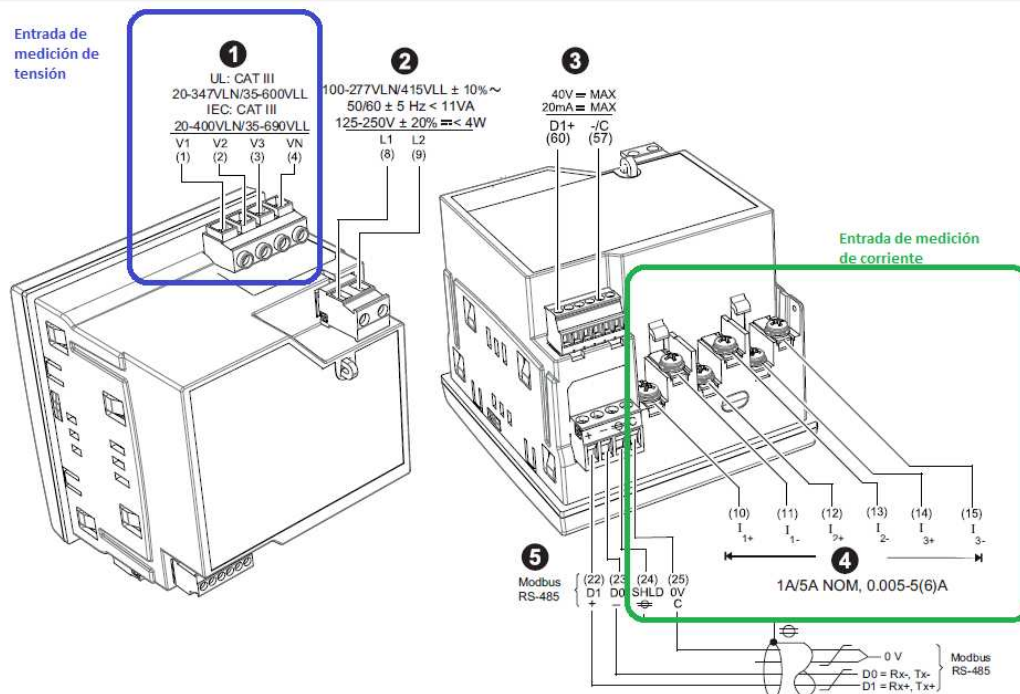


Configuración básica de un PM5100 con transformadores de corriente.

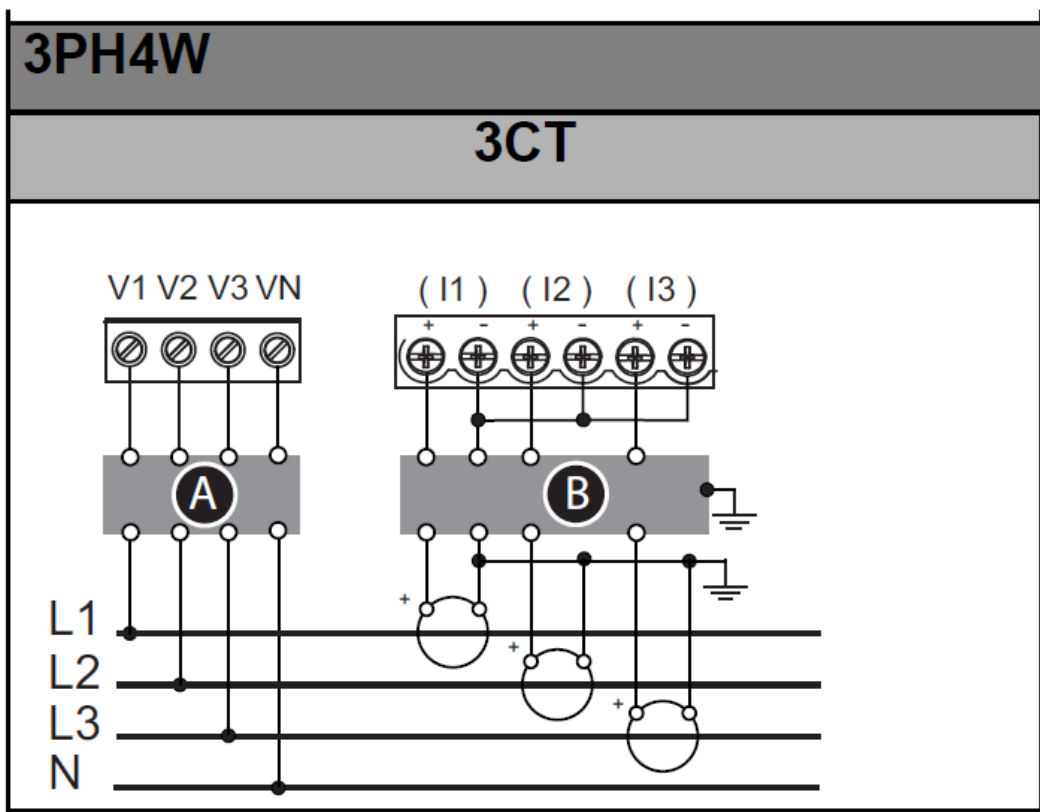
Alimentar el bornero de control del PM:



Cablear las medidas de tensión y de corriente:

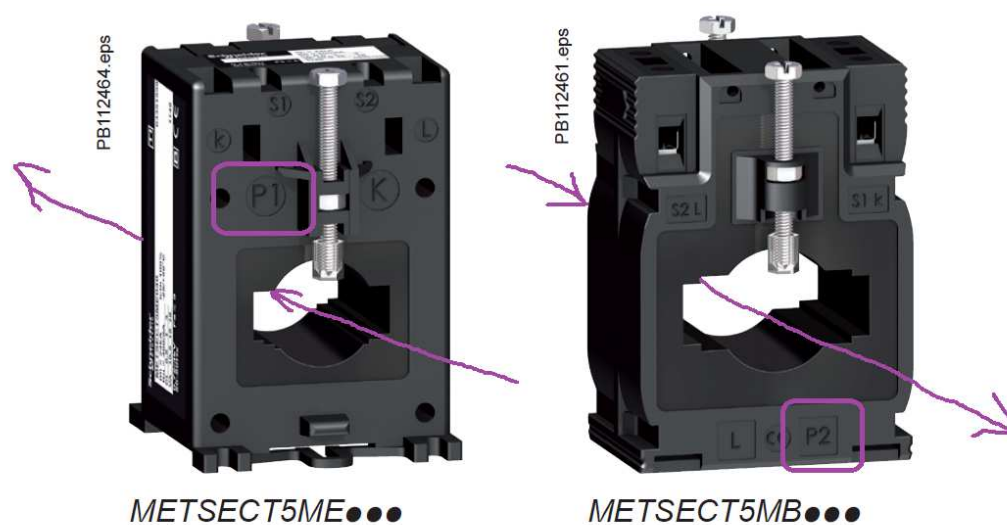


Adjunto el cableado para una medición de sistema trifásico (3 fases – 4 hilos):



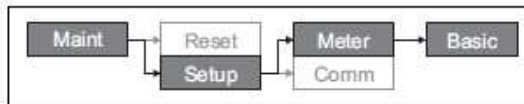
Importante: Unir I1-, I2-, I3- y conectarlos a tierra.

Importante: La entrada del cable en el transformador de corriente es por P1 y la salida del cable por P2.



La configuración del PM5100 para una configuración sin transformadores de tensión, pero con transformadores de corriente 250/5 sería:

Basic setup menu tree



1. Navigate to **Maint > Setup**.
2. Enter the setup password (default is "0000"), then press **OK**.
3. Navigate to **Meter > Basic**.
4. Move the cursor to point to the parameter you want to modify, then press **Edit**.
5. Modify the parameter as required, then press **OK**.
6. Move the cursor to point to the next parameter you want to modify, press **Edit**, make your changes, then press **OK**.

Basic setup parameters

Parameter	Values	Description
Power System	Select the power system type (power transformer) the meter is wired to.	
	1PH2W LN	Single-phase 2-wire line-to-neutral
	1PH2W LL	Single-phase 2-wire line-to-line
	1PH3W LL with N	Single-phase 3-wire line-to-line with neutral
	3PH3W Dlt Ungnd	3-phase 3-wire ungrounded delta
	3PH3W Dlt Cmr Gnd	3-phase 3-wire corner grounded delta
	3PH3W Wye Ungnd	3-phase 3-wire ungrounded wye
	3PH3W Wye Gnd	3-phase 3-wire grounded wye
	3PH3W Wye Res Gnd	3-phase 3-wire resistance-grounded wye
	3PH4W Opn Dlt Ctr Tp	3-phase 4-wire center-tapped open delta
	3PH4W Dlt Ctr Tp	3-phase 4-wire center-tapped delta
	3PH4W Wye Ungnd	3-phase 4-wire ungrounded wye
	3PH4W Wye Gnd	3-phase 4-wire grounded wye
	3PH4W Wye Res Gnd	3-phase 4-wire resistance-grounded wye
VT Connect	Select how many voltage transformers (VT) are connected to the electrical power system.	
	Direct Con	Direct connect; no VTs used
	2VT	2 voltage transformers
	3VT	3 voltage transformers
VT Primary (V)	1 to 1000000	Enter the size of the VT primary, in Volts.
VT Secondary (V)	100, 110, 115, 120	Select the size of the VT secondary, in Volts
CT on Terminal	Define how many current transformers (CT) are connected to the meter, and which terminals they are connected to.	
	I1	1 CT connected to I1 terminal
	I2	1 CT connected to I2 terminal
	I3	1 CT connected to I3 terminal
	I1 I2	2 CT connected to I1, I2 terminals
	I1 I3	2 CT connected to I1, I3 terminals
	I2 I3	2 CT connected to I2, I3 terminals
	I1 I2 I3	3 CT connected to I1, I2, I3 terminals
CT Primary (A)	1 to 32767 250	Enter the size of the CT primary, in Amps.
CT Secondary (A)	1, 5 5	Select the size of the CT secondary, in Amps.
Sys Frequency (Hz)	50, 60	Select the frequency of the electrical power system, in Hz.
Phase Rotation	ABC, CBA	Select the phase rotation of the 3-phase system.

7. Press **▲** to exit. Press **Yes** to save your changes.