

# Senasys

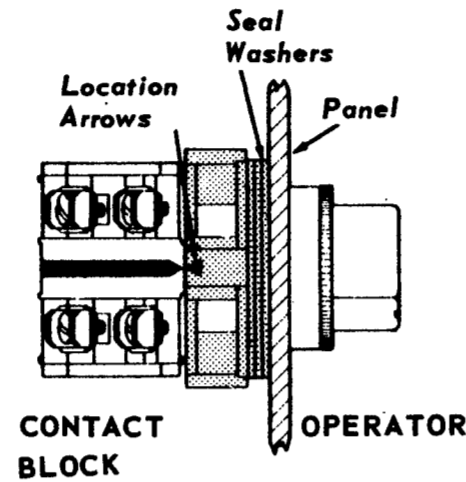
## Type PT CONTACT BLOCKS and FOUR-PLUNGER ADAPTER KIT (For Use with PT & CMC Operators)

Type PT contact blocks provide easy installation and wiring. Each block holds two captive fillister screws for mounting on PT & CMC operators. The mounting screw heads are drilled and tapped to permit tandem mounting more than one block to an operator without additional hardware.

Each contact block contains terminal numbers to aid in identifying wire locations (see charts below). Heavy Duty contact block terminals are also color-coded silver for NC, and gold for NO. The base of the heavy duty contact blocks has a marking pad for easy identification of the unit from the back of panel.

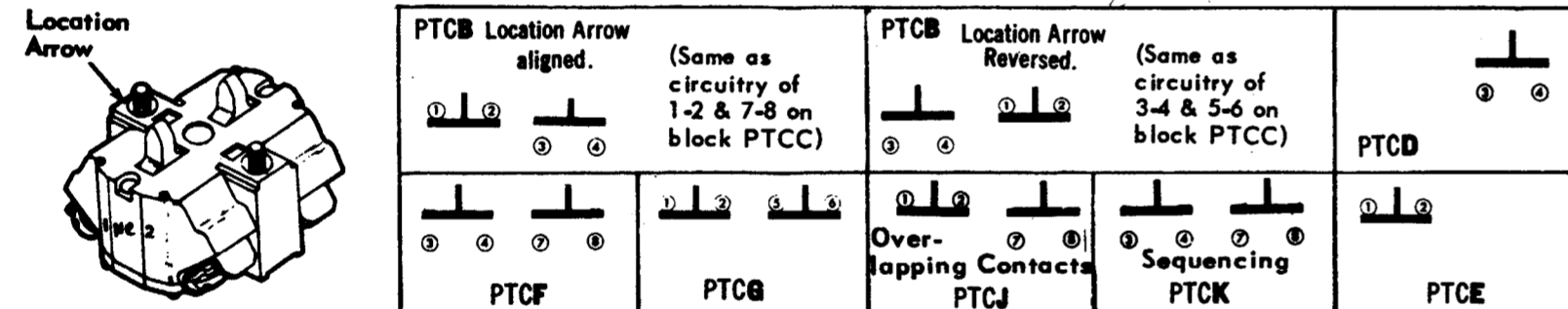
**Location Arrows** - Contact blocks have an embossed location arrow adjacent to one of the mounting screws. Operators also contain a similar reference point. These arrows orient the contact blocks with operators (especially important with Selector and Selector-Push devices). Contact blocks can be mounted with their location arrows aligned with the operator or reversed (i.e., block is turned 180° for changing contact sequencing on rotary actuated devices.)

**Key Contact Block** - The PTCC contact block reflects the total operational characteristics of a rotary device because this block contains two plungers, each equipped with an NC and NO circuit. All other contact blocks provide portions of, or multiples of, the circuitry of a PTCC contact block. Blocks can be reversed for opposite plunger operation, if necessary.

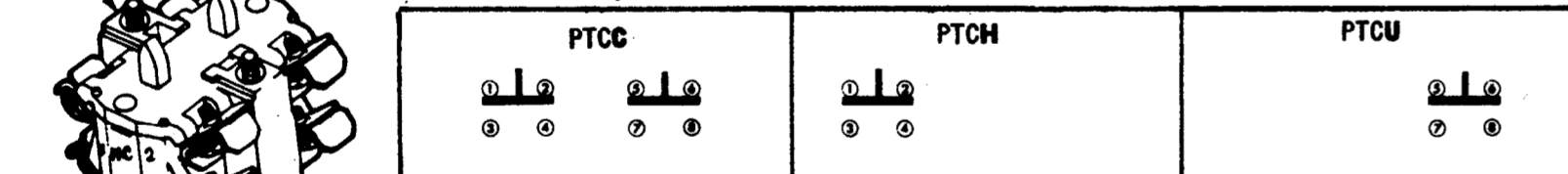


### CONTACT BLOCK TERMINAL IDENTIFICATION

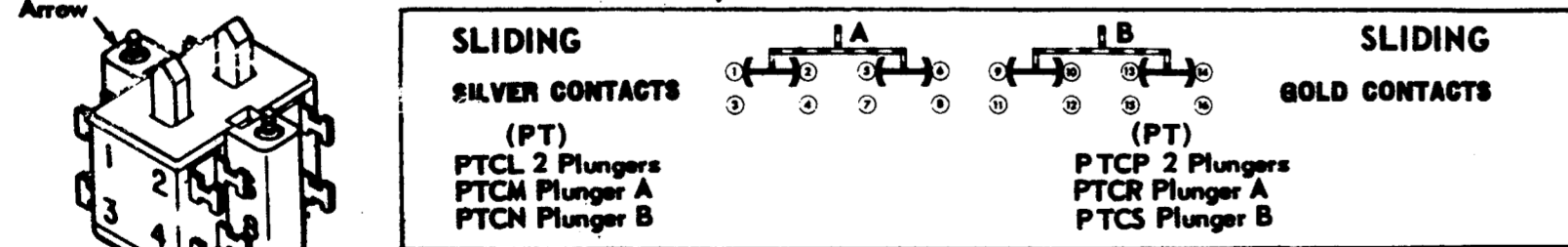
#### HEAVY DUTY, TWO-CIRCUIT STYLE



#### HEAVY DUTY, FOUR-CIRCUIT STYLE



#### ELECTRONIC DUTY, EIGHT-CIRCUIT STYLE



### ELECTRICAL RATINGS FOR HEAVY DUTY CONTACT BLOCKS

Continuous Current 10 Amps. Carry	AC VOLTS at 35% Power Factor				DC VOLTS Inductive Load	
	110-120	220-240	440-480	550-600	115-125	230-250
Maximum Inrush Current in Amps.	60	30	15	12	—	—
Normal and Break Current in Amps.	6	3	1.5	1.2	2.2	0.5

### SLIDING SILVER CONTACTS

Continuous Current 5 Amps. Carry	AC VOLTS Power Factor at 35%		DC VOLTS Inductive Load	
	110-120	220-300	115-125	230-300
Maximum Inrush Current in Amps.	30	15	—	—
Maximum Break Current in Amps.	3	1.5	1.1	.5

### SLIDING GOLD CONTACTS

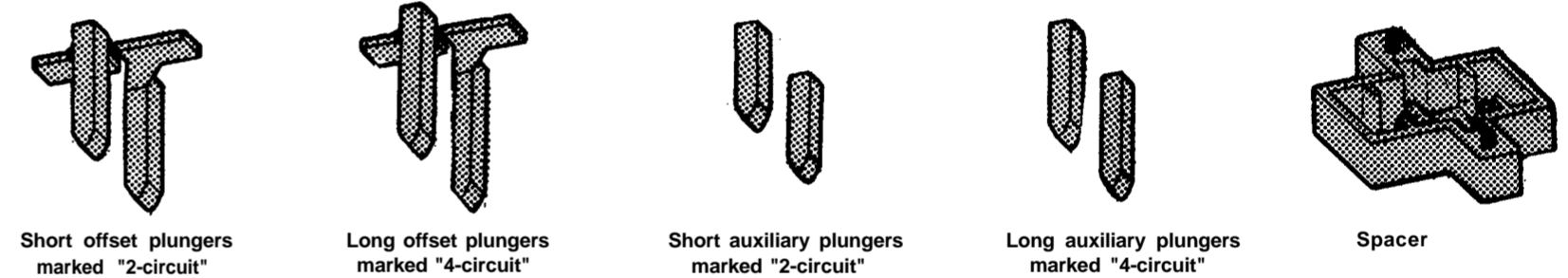
Maximum Volts	Maximum Resistive Loads in Amps.
28 VDC	1 Amp. Resistive
125 VAC	.5 Amp. Resistive
Initial Contact Resistance— .006 Ohm Average	

### ELECTRICAL RATINGS FOR ELECTRONIC DUTY CONTACT BLOCKS

### PTCA - FOUR PLUNGER ADAPTER KIT (Formerly 986 CAA) For Use with PTF or 910 Selector, PTU or 911 Selector-Push

This kit contains four offset plungers, four auxiliary plungers, and one spacer. The shorter plungers (marked "2-circuit") are used with 2-circuit style blocks PTCB, D, E, F, G, J, and K. The longer plungers (marked "4-circuit") are used with 4-circuit style blocks PTCC, H, and U. Use the number of plungers needed for the circuits used and discard

the remainder. The adapter kit may be mounted between the first and second contact blocks (behind the operator) or between the second and third contact blocks. When mounting a four plunger adapter kit, do not overtighten the mounting screws. A torque of 4 to 6 in.-lbs. is sufficient to hold the spacer in place.

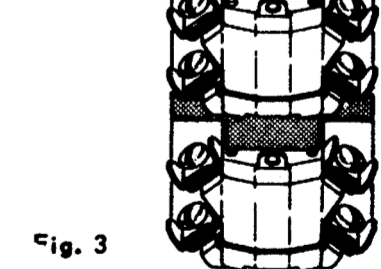
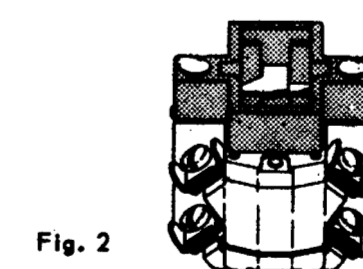
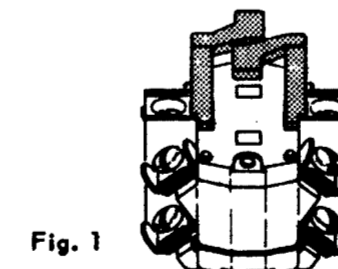


When circuitry requires an adapter kit between the first and second blocks, assemble as follows:

1. Attach first contact block to operator.
2. Insert correct length ("2-circuit" or "4-circuit") offset plungers as shown in Figure 1 below.

3. Mount spacer to first contact block. Figure 2

4. Mount-second (or remaining) contact blocks. Figure 3 below.



When circuitry requires an adapter kit between the second and third blocks, assemble as follows:

1. Attach first contact block to operator.
2. Insert correct length ("2-circuit" or "4-circuit") auxiliary plungers.
3. Attach second contact block to first.

4. Insert correct length ("2-circuit" or "4-circuit") offset plungers as shown in Figure 1 above.

5. Mount spacer to second contact block. Figure 2 above.

6. Mount third (or remaining) contact blocks. Figure 3 above.