Description

Series 447 relays are designed for AC and DC circuits where high reliability, versatility of contact and operating coil combinations, compact size, and high speed operation are required. The 447 relays are available up to 8 convertible poles, current ratings to 30 amps AC and 20 amps DC.

Components (Table 1)

Base .....and Coil Voltage		Cat. No.
4 Pole Base-	120 VAC Coil [1]	447-9402-11
	208 VAC Coil	447-9402-21
	240 VAC Coil	447-9402-21
	480 VAC Coil	447-9402-31
8 Pole Base-	120 VAC Coil [2]	447-9801-11
	208 VAC Coil	447-9801-21
	240 VAC Coil	447-9801-21
4 Pole Base-	115 VDC Coil [1]	447-9405.13
	230 VDC Coil	447-9405-23
8 Pole Base-	115 VDC Coil [2]	447-9805-13
	230 VDC Coil	447-9805-23

[1] Heavy Duty Coil, Suitable For Up To 4 Circuits
[2] Heavy Duty Coil, Suitable For Up To 8 Circuits

Note: Other AC and DC coil voltages are available. Please contact factory.

4-Pole Base

8-Pole Base

Unit Poles - AC Load (Table 2) 460VAC Max

Description	Cat. No.
10A, N.O.	447-9046
10A, N.C.	447-9047
20A, N.O.	447-9048
20A, N.C.	447-9049
30A [3] N.O.	447-9071
30A [3] N.C.	447-9072

[3] Tungsten or Resistive Loads, 277 VAC Max.

Unit Poles - DC Load (Table 3) 250VDC Max

Description [4]	Cat. No.
20A, N.O. 1-Blowout	447-9019
20A, N.O. **2-Blowout**	447-9020
20A, N.C. 1-Blowout	447-9021
20A, N.C. **2-Blowout**	447-9022

[4] All DC contacts require a "Blowout Mechanism" to extinguish the "arc" during contact opening. See Rule "B" below.

Rules to Select and Install Contacts

A. When **installing "AC" or "DC" contacts** you should balance the mechanical load on the coil magnet preferably by placing the contacts together in the center and working your way out.

- For a 4-pole contact **install the contacts in sequence** per the diagram listed below.

3 2 1 4

- For an 8-pole contact install the contacts per this diagram.

5 3 2 1 4 6
8 7

B. **When installing DC contacts**, using the contact sequence above, the last contact on the left must have two blowouts. All others will have only one.

Example: If you have four contacts on the 4-pole base (table 1), number 3 must have two blowouts. If you have only two contacts, then number 2 must have two blowouts.

If you have six contacts on the 8-pole base (table 1), number 5 must have two blowouts.

Contacts seven and eight on the 8-pole base must have two blowouts.