SERVICE BULLETIN			9880	
PLANT Middletown	PRODUCT ORIGINATOR E. Rickard	March 1981	TYPE & FORM	

ANTI-PUMP RELAYS

Since Square D first introduced Solenarc DSE circuit breaker there have been 4 different types of anti-pump relays used in the closing circuit.

Original Type - Purchased from M-G.

Relay coil matched to operating voltage.

(250 VDC and 115 VAC required series resistor).

Second Type - Purchased from M-G.

One relay with series resistors added for different operating

voltages.

Third Type - Manufactured by Square D.

Relay coil matched to operating voltages.

(250 VDC used 125 VDC relay with series resistor).

Present Type - Manufactured by Potter Brumfield, labeled by Square D.

Relay coil matched to operating voltages.

(250 VDC uses 125 VDC relay with series resistor).

The present type relays (Ref. PBD-41102) are to be used whenever replacement of any type relay is required.

To change out an old style relay the following field modifications are required:

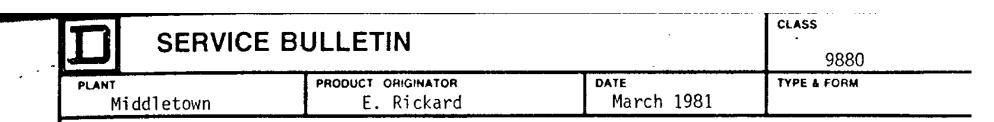
- 1) Mounting holes spacing varies. Mark and drill second hole using relay as a template.
- 2) Terminal location and identification varies per relay type. Use diagram on side of relay for contact/coil configuration and connect per PBD-41110 and drawing C44060-182.
- 3) Use Amp No. 640919-1 (Sq. D P/N 25016-16010) quick connect receptacle for making wiring connections.

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MISCELLANEOUS PARTS KIT

DESCRIPTION	PART NUMBER	QTY.
Interphase Barrier Clamp	A44065-078-01	4
Quick Connect Receptacle	25016-16010	15
M8 - 1.25 x 20mm Lg. Metric Steel Bolt	20155-48260	6
M6 - 1.00 x 10mm Lg. Metric Steel Bolt	20155-40170	6

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