



SERVICE BULLETIN

CLASS

9880

PLANT

Middletown

PRODUCT ORIGINATOR

E. Rickard

DATE

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.

SQUARE D COMPANY



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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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