

CONTROL AND DELAY RELAY PANEL PA17/509

The PA17/509 forms part of a telecine equipment^{1,2} and performs the following functions:

- (a) it accepts motor-control signals and routes them (after suitable delays for run-up, stopping and braking) to a PA17/510 Main Contactor Relay Panel which in turn feeds mains to the drive motors
- (b) it provides *Local/Remote* switching
- (c) it contains the *On/Off* control circuits for the telecine lamphouse
- (d) it incorporates a UN14/3 delay circuit for vidicon tube protection.

The circuit diagram is given in Fig. 1. The panel

is described, in conjunction with other control circuits, in the Instruction on the parent equipment.

The panel consists of 12 P.O. type 3000 relays mounted on a PN1/9A chassis. It draws about 80 mA from the 50-volt supply when in a passive state, 250 mA when on remote standby with the machine brakes on, and about 280 mA during normal running.

References

1. 16-mm. Vidicon Telecine EP6/501 (see Designs Dept. Technical Memorandum No. 7.133)
2. 16-mm. Colour Telecine Equipment EP6/505

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