

R PRESSURE CONTACTOR

DESCRIPTION AND USE

1. GENERAL

1.01 This section covers the description and use of the R pressure contactor (AT-8782) which is intended for use in statically pressurized apparatus cases associated with T1 or TIC Carrier Systems, when the case is used in conjunction with waterproof cable.

1.02 This section is revised to cover the possible use of an inductor in 479-type apparatus case to meet transmission rules. Revision arrows have been used to indicate changes.

2. DESCRIPTION

2.01 The R pressure contactor (Fig. 1) is a plug-in type unit having a printed circuit board termination. It consists of an evacuated pressure bellows in conjunction with a snap action subminiature switch enclosed in a 208-type repeater can. The

contactor is furnished with a wood spacer block which allows its use in specific apparatus cases.

2.02 This contactor is adjusted by the manufacturer to operate at 20.2 ± 0.5 psia at 60° F and is **not** field adjustable. The contactor normally presents an open switch across pins **11** and **12**. This switch closes when the case pressure drops below 20.2 ± 0.5 psia. (See Fig. 2).

3. USE

3.01 Table A lists the apparatus cases into which the R pressure contactor may be installed, along with the adapter and/or spacer block (if required) for installation.

3.02 Installation and testing of the R pressure contactor is covered in the 640 Division of the Bell System Practices.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

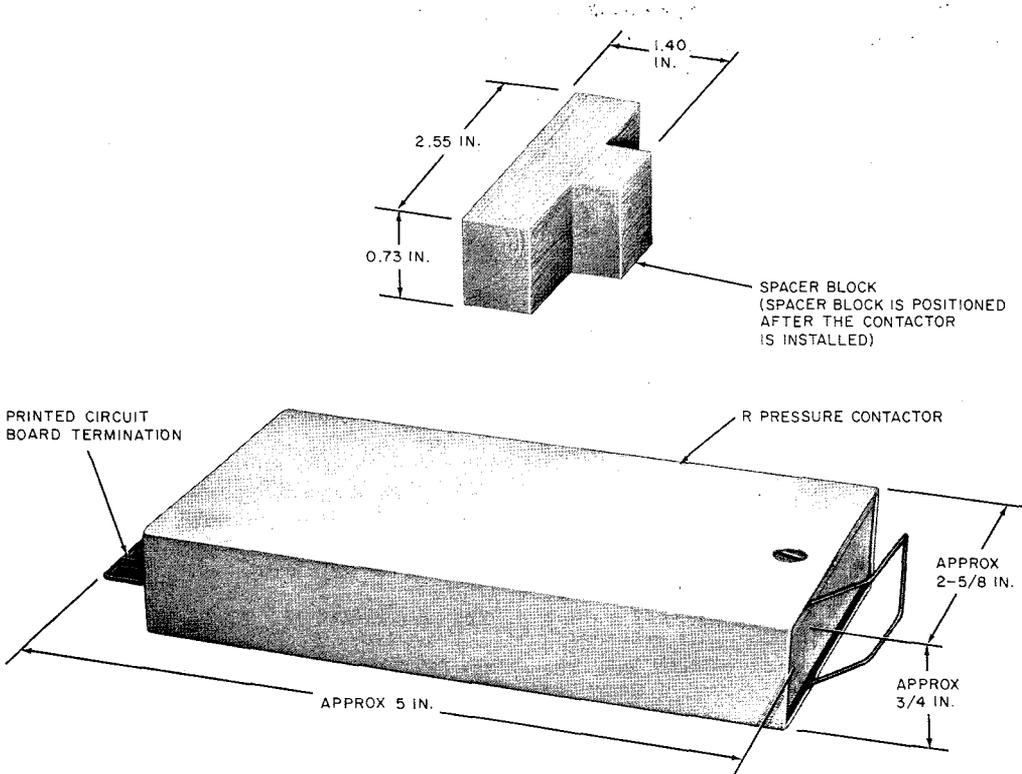
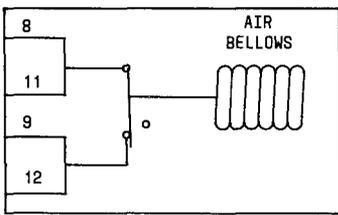


Fig. 1—R Pressure Contactor (Furnished With Spacer Block)



NOTE:
 BELLOWS OPEN SWITCH AT
 5.5 PSI OR HIGHER.

Fig. 2—R Pressure Contactor (Wiring Diagram)

◆ TABLE A ◆

R PRESSURE CONTACTOR APPLICATIONS

APPARATUS CASE	ADAPTER IDENTIFICATION	SPACER BLOCK REQUIRED	APPARATUS CASE SLOT NUMBER(S)
466	215A	No	Unused Repeater Slot
468	216A	Yes	
475A1	Not Required	No	
475B1		Yes	
475F1		No	
475F2		No	
475G1		Yes	
475G2	Not Required	Yes	
479A1 ¹	245A	No	
479A2 ¹	245A	No	
479B1 ¹	253A	Yes	
479B2 ¹	253A	Yes	

Note 1: Use of a Delevan Inductor (BP3258) may be required to meet TIC transmission rules. See Section 640-527-211.

Note 2: If the R contractor is installed in an unused repeater slot in an apparatus case having a designated contactor slot, the same combination of adapter and/or spacer block is required as if it were used in the contactor slot.