

INCH POUND

MIL-R-83536/27  
AMENDMENT 1  
15 December 1995

MILITARY SPECIFICATION SHEET

RELAYS, ELECTROMAGNETIC, ESTABLISHED RELIABILITY, 6PDT,  
LOW LEVEL TO 10 AMPERES, PERMANENT MAGNET DRIVE, HERMETICALLY  
SEALED, ALL WELDED, AC COIL

This amendment forms a part of MIL-R-83536/27, dated  
27 March 1992, and is approved for use by all Depart-  
ments and Agencies of the Department of Defense.

PAGE 1

FIGURE 1, side view: Delete "SERIAL NUMBER SHALL BE MARKED ON TOP OF RELAYS".

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Contact voltage drop or resistance, delete in its entirety and substitute:

"Contact voltage drop and resistance:

Initial contact voltage drop: 0.100 volt maximum. Rated resistive current at 6 V dc or peak ac. Relays shall not make or break this load.

Initial contact resistance: 0.010 ohm maximum. 50 mA maximum at 6 V dc or peak ac.

High level life (contact voltage drop):

During life: 10 percent open circuit voltage maximum.

After life: 0.125 volt maximum.

Intermediate current (contact resistance):

During intermediate current: 3 ohms maximum.

After intermediate current: 0.150 ohm maximum.

Low level (contact resistance):

During low level: 100 ohms maximum.

After low level: 0.150 ohm maximum at 100 mA and 28 V dc."

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Vibration (random), line 2: Delete "15 minutes each plane".

Weight: Delete "(117.94 g's)" and substitute "(117.94 grams)".

CONCLUDING MATERIAL

Custodians:  
Army - ER  
Navy - EC  
Air Force - 85

Preparing activity:  
Air Force - 85

Review activities:  
Air Force - 99  
DLA - ES

Agent:  
DLA - ES  
(Project 5945-0964-19)