

MILITARY SPECIFICATION

RELAYS, ELECTROMAGNETIC, ESTABLISHED RELIABILITY,  
GENERAL SPECIFICATION FOR

This supplement forms a part of  
MIL-R-39016E, dated 18 July 1994.

SPECIFICATION SHEETS

- MIL-R-39016/6 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.200-inch Terminal Spacing).
- MIL-R-39016/7 - Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 1 Ampere.
- MIL-R-39016/8 - Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 0.5 Ampere (Latching).
- MIL-R-39016/9 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere.
- MIL-R-39016/10 - Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 1.0 Ampere (Sensitive, 40 Milliwatts, Coil Operate Power at 25°C).
- MIL-R-39016/11 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere (Sensitive, 60 Milliwatts, Coil Operate Power at 25°C).
- MIL-R-39016/12 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere (Latching).
- MIL-R-39016/13 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing).
- MIL-R-39016/14 - Relays, Electromagnetic, Established Reliability, 4PDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing).
- MIL-R-39016/15 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere with Internal Diode for Coil Transient Suppression.
- MIL-R-39016/16 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere (Sensitive, 60 Milliwatts) with Internal Diode for Coil Transient Suppression.
- MIL-R-39016/17 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1 Ampere, Terminals 0.100-inch Grid Pattern.
- MIL-R-39016/18 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere, with Internal Diode for Coil Transient Suppression, Terminals 0.100-inch Grid Pattern.
- MIL-R-39016/19 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection, Terminals 0.100-inch Grid Pattern.
- MIL-R-39016/20 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection.
- MIL-R-39016/21 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere (Sensitive 60 Milliwatts) with Internal Diode for Coil Transient Suppression and Polarity Reversal Protection.
- MIL-R-39016/22 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.200-inch Terminal Spacing) Coil Transient Suppressed.
- MIL-R-39016/23 - Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 1.0 Ampere with Internal Diode for Coil Transient Suppression.
- MIL-R-39016/24 - Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 1.0 Ampere with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection.

MIL-R-39016E  
SUPPLEMENT 1

MIL-R-39016/25	-	Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 1.0 Ampere (Sensitive, 40 Milliwatts) with an Internal Diode for Coil Transient Suppression.
MIL-R-39016/26	-	Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 1.0 Ampere (Sensitive, 40 Milliwatts) with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection.
MIL-R-39016/27	-	Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 0.5 Ampere (Latching) with Internal Diodes for Coil Transient Suppression.
MIL-R-39016/28	-	Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 0.5 Ampere (Latching) with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection.
MIL-R-39016/29	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere (Latching) with Internal Diodes for Coil Transient Suppression.
MIL-R-39016/30	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere (Latching) with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection.
MIL-R-39016/31	-	Relays, Electromagnetic, Established Reliability, Hermetically Sealed, 4 PDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing), Latching.
* MIL-R-39016/32	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (Latching).
MIL-R-39016/33	-	Relays, Radio Frequency (Coaxial), Established Reliability, Electrical, Hermetically Sealed, SPDT and DPDT, DC to 1 GHz.
* MIL-R-39016/34	-	Relays, Electromagnetic, DPDT, Low Level to 1.0 Ampere, (0.100-inch Terminal Spacing).
MIL-R-39016/35	-	Relays, Electromagnetic, Established Reliability, Hermetically Sealed, 4 PDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing), Latching, with Internal Diodes for Coil Transient Suppression.
MIL-R-39016/36	-	Relays, Electromagnetic, Established Reliability, Hermetically Sealed, 4PDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing), Latching, with Internal Diodes for Coil Transient Suppression and Reverse Polarity Protection.
MIL-R-39016/37	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing) with Internal Diode for Coil Transient Suppression.
MIL-R-39016/38	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing) with Internal Diodes for Coil Transient Suppression and Reverse Polarity Protection.
* MIL-R-39016/39	-	Relays, Electromagnetic, Hermetically Sealed, 4PDT, Low-Level to 3 Amperes (400 Milliwatts).
* MIL-R-39016/40	-	Relays, Electromagnetic, 4PDT, Low Level to 2.0 Amperes (0.100-inch Terminal Spacing).
MIL-R-39016/41	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1 Ampere, Terminals 0.100-inch Grid Pattern (Sensitive, 60 Milliwatts, Coil Operate Power at 25°C).
MIL-R-39016/42	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1 Ampere with Internal Diode for Coil Transient Suppression, Terminals 0.100-inch Grid Pattern (Sensitive 60 Milliwatts, Coil Operate Power at 25°C).
MIL-R-39016/43	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection Terminal 0.100-inch Grid Pattern (Sensitive 60 Milliwatts Coil Operate Power at 25°C).
MIL-R-39016/44	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes, Terminals 0.200-inch Grid Pattern (Sensitive, 100/125 Milliwatts, Coil Operate Power at 25°C).
MIL-R-39016/45	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2.0 Amperes (Latching).
MIL-R-39016/47	-	Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 0.5 Ampere (.100 D.I.P Terminal Spacing) One-Tenth Size, Sensitive, Bi-Stable, Latching.

\*Inactive for new design.

MIL-R-39016E  
SUPPLEMENT 1

- MIL-R-39016/48 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 0.5 Ampere (.100 D.I.P. Terminal Spacing) One-Tenth Size, Sensitive, Monostable.
- MIL-R-39016/49 - Relays, Electromagnetic, High Shock and High Vibration, Established Reliability, DPDT, Low Level to 1.0 Ampere.
- MIL-R-39016/50 - Relays, Electromagnetic, High Shock and High Vibration, Established Reliability, DPDT, Low Level to 1.0 Ampere with Internal Diode for Coil Transient Suppression.
- MIL-R-39016/53 - Relays, Electromagnetic, Established Reliability, Hermetically Sealed, 4PDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing) with Internal Diode for Coil Transient Suppression.
- MIL-R-39016/54 - Relay, Electromagnetic, Established Reliability, Hermetically Sealed, 4PDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing), with Internal Diode for Coil Transient Suppression and Reverse Polarity Protection.
- MIL-R-39016/55 - Relay, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.200-inch Terminal Spacing), with Internal Diode for Coil Transient Suppression.
- MIL-R-39016/56 - Relay, Electromagnetic, Established Reliability, DPDT, Low Level to 2.0 Ampere.
- MIL-R-39016/57 - Relay, Electromagnetic, Established Reliability, DPDT Low Level to 2.0 Ampere with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection.
- MIL-R-39016/58 - Relay, Electromagnetic, Established Reliability, DPDT, Low Level to 2.0 Ampere (Latching).
- MIL-R-39016/59 - Relay, Electromagnetic, Established Reliability, DPDT Low Level to 2.0 Ampere (Latching) with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection.
- MIL-R-39016/606 - Relay, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.200-inch Terminal Spacing), Including Inspections of Appendixes A and B.
- MIL-R-39016/609 - Relay, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere, Including Inspections of Appendixes A and B.
- MIL-R-39016/612 - Relay, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere (Latching), Including Inspections of Appendixes A and B.
- MIL-R-39016/614 - Relays, Electromagnetic, Established Reliability, 4PDT, Low Level to 2 Amperes (0.150-inch Terminal Spacing), Including Inspections of Appendixes A and B.
- MIL-R-39016/615 - Relay, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere with Internal Diode For Coil Transient Suppression, Including Inspections of Appendixes A and B.
- MIL-R-39016/620 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere with Internal Diodes for Coil Transient Suppression and Polarity Reversal Protection, Including Inspections of Appendixes A and B.

CONCLUDING MATERIAL

Preparing activity:  
DLA - ES

(Project 5945-0953)