

INCH-POUND

MIL-PRF-39016E  
 SUPPLEMENT 1A  
 15 February 2002  
 SUPERSEDING  
 SUPPLEMENT 1  
 16 August 1994

## PERFORMANCE SPECIFICATION

RELAYS, ELECTROMAGNETIC, ESTABLISHED RELIABILITY,  
 GENERAL SPECIFICATION FOR

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

## SPECIFICATION SHEETS

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

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- Reversal Protection.
- MIL-PRF-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-PRF-39016/22 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.200-inch Terminal Spacing) Coil Transient Suppressed.
- MIL-PRF-39016/23 - Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 1.0 Ampere with Internal Diode for Coil Transient Suppression.
- MIL-PRF-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-PRF-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-PRF-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-PRF-39016/27 - Relays, Electromagnetic, Established Reliability, SPDT, Low Level to 0.5 Ampere (Latching) with Internal Diodes for Coil Transient Suppression.
- MIL-PRF-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-PRF-39016/29 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1.0 Ampere (Latching) with Internal Diodes for Coil Transient Suppression.
- MIL-PRF-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-PRF-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) (Inactive for new design after 4 August 1994.).
- MIL-R-39016/34 - Relays, Electromagnetic, DPDT, Low Level to 1.0 Ampere, (0.100-inch Terminal Spacing) (Inactive for new design after 22 June 92.).
- MIL-PRF-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-PRF-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-PRF-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-PRF-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) (Inactive for new design after 4 August 1994.).
- MIL-R-39016/40 - Relays, Electromagnetic, 4PDT, Low Level to 2.0 Amperes (0.100-inch Terminal Spacing) (Inactive for new design after 29 January 1991.).

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- MIL-PRF-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-PRF-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-PRF-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-PRF-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-PRF-39016/45 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 2.0 Amperes (Latching).
- MIL-PRF-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.
- MIL-PRF-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-PRF-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-PRF-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-PRF-39016/55 - Relay, Electromagnetic, Established Reliability, DPDT, Low Level to 2 Amperes (0.200-inch Terminal Spacing), with Internal Diode for Coil Transient Suppression.

Preparing activity:  
DLA-CC

(Project 5945-1138)