

INCH-POUND

MIL-PRF-39016G
SUPPLEMENT 1
25 August 2014

PERFORMANCE SPECIFICATION

RELAYS, ELECTROMAGNETIC, ESTABLISHED RELIABILITY,
GENERAL SPECIFICATION FORThis supplement forms a part of [MIL-PRF-39016G](#), dated 25 August 2014.

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 Reversal Protection.

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- 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.).
- MIL-PRF-39016/41 - Relays, Electromagnetic, Established Reliability, DPDT, Low Level to 1 Ampere,

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- 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

Custodians:
Army - CR
Navy - EC
Air Force - 85
DLA - CC
NASA - NA

Preparing activity:
DLA - CC

(Project 5945-2014-017)

Review activities:
Army - MI
Navy - AS, MC, OS
Air Force - 19
Other - MDA

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NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.