



**DEFENSE LOGISTICS AGENCY**  
**WEAPONS SUPPORT**  
**P.O. BOX 3990**  
**COLUMBUS, OHIO 43218-3990**

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

15 July 2026

SUBJECT: Initial Drafts of MIL-DTL-15291J, /1D, /2D, /5D, /7D, /8D, /9D, /11D, /12E and /13D  
Project Numbers: 5930-2026-055 and -064.

The subject documents are now available for viewing and downloading from the DLA Land and Maritime - VA website:

<https://landandmaritimeapps.dla.mil/programs/milspec/initialdrafts.aspx>

The following is a synopsis of the changes:

Update to current MIL-STD-961 and DLA L&M SOP requirements.

Concurrence or comments are required at this Center no later than 14 August 2026. If comments are not received during the allotted coordination period, concurrence may be assumed. Late comments may be held for the next specification action. Comments from military departments must be identified as either "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians or this office, as applicable, in sufficient time to allow for consolidating the department reply.

The point of contact for this project is Mr. Mark Rush, DLA Weapons Support (Columbus) - VAT, Post Office Box 3990, Columbus, OH 43218-3990. The preferred method of contact is via email. Mark can be reached at mark.rush@dla.mil or 614-693-0170.

Mark Rush  
Acting Chief  
Electronic Components Branch

NOTE: This draft, dated July 10, 2026 prepared by DLA-CC,  
has not been approved and is subject to modification.  
DO NOT USE PRIOR TO APPROVAL.  
(Project 5930-2026-057)

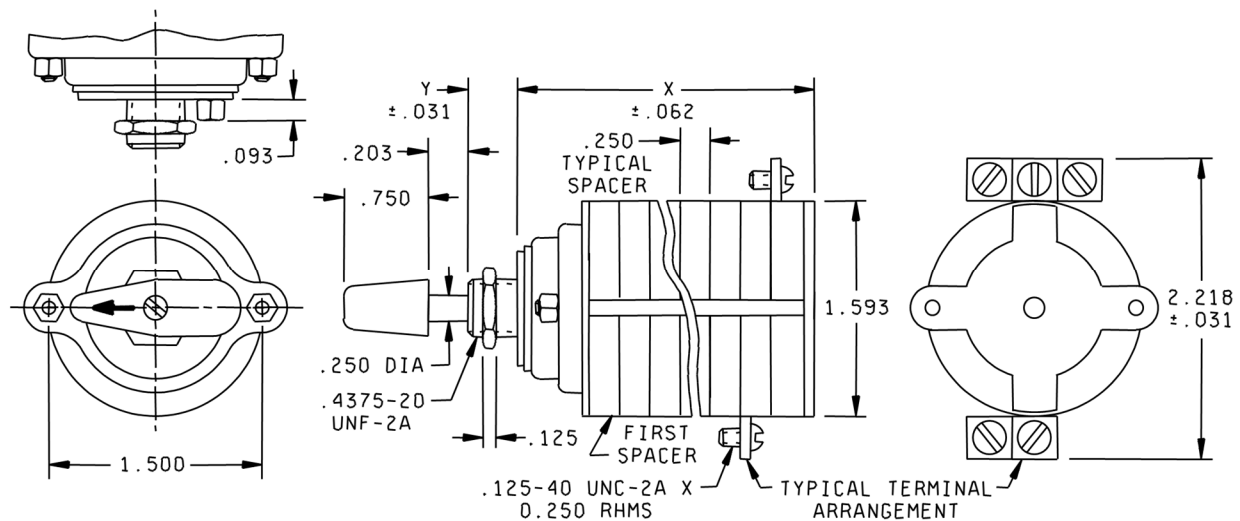
INCH-POUND  
MIL-DTL-15291/2D  
DRAFT  
SUPERSEDING  
MIL-DTL-15291/2C  
21 January 2022

## DETAIL SPECIFICATION SHEET

### SWITCHES, ROTARY, SNAP ACTION CLASS 1SR FRONT MOUNTED, SIDE CONNECTED

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for acquiring the switch described herein shall consist of this specification and the latest issue of [MIL-DTL-15291](#).



#### NOTE

1. Dimensions are in inches
2. Unless otherwise specified, tolerance is plus or minus 0.015

FIGURE 1 Class 1SR switch, single-hole mount (non-turn pin)



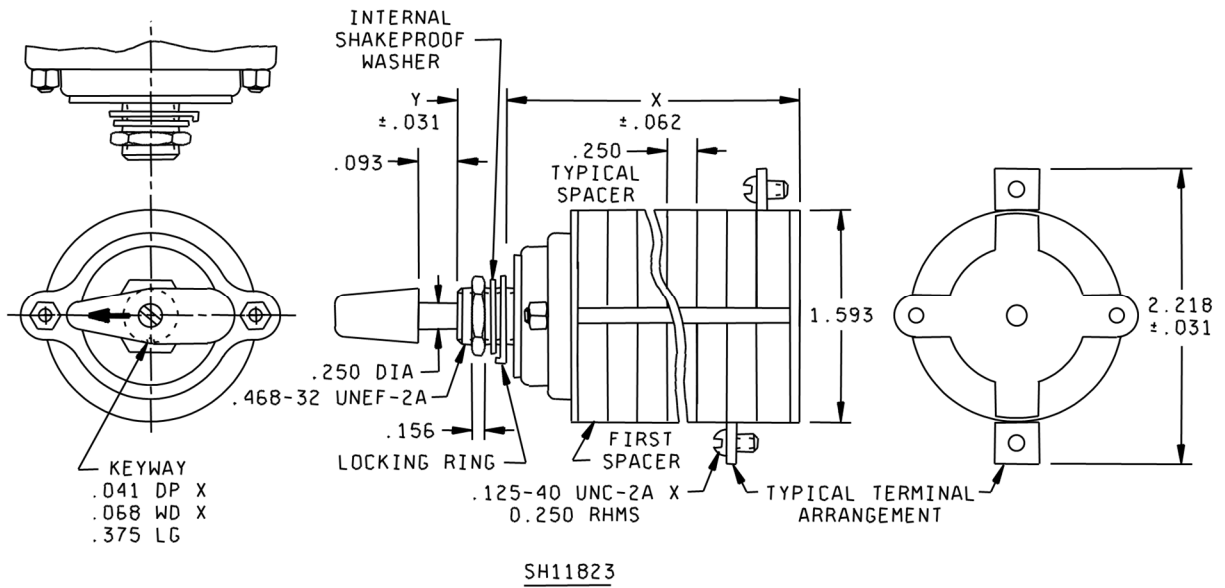


FIGURE 2. Class 1SR switch, single-hole mount (non-turn locking pin).

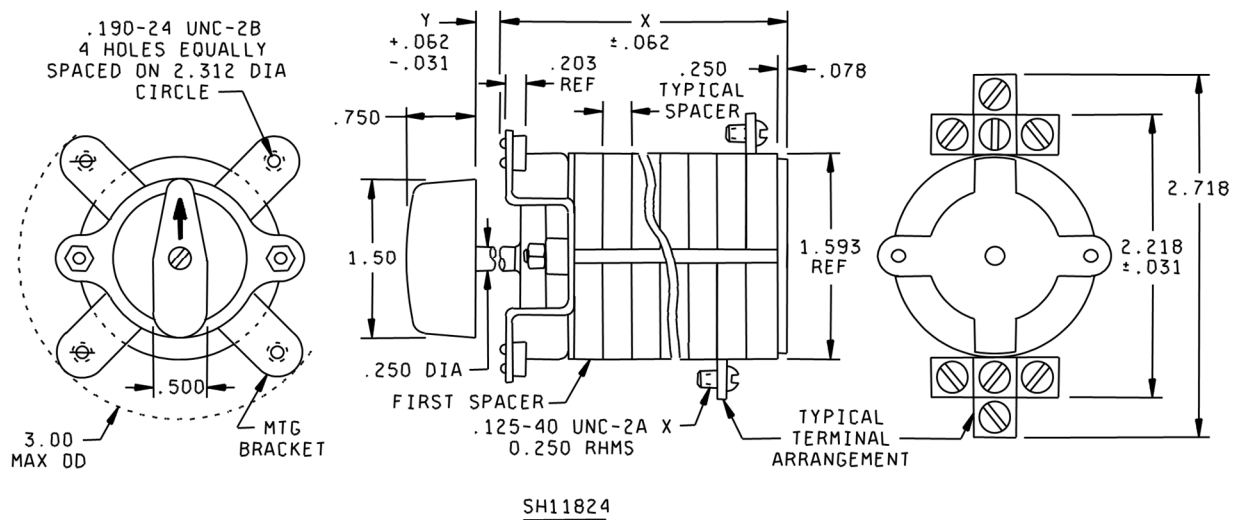


FIGURE 3. Class 1 SR switch, 4-hole mount.

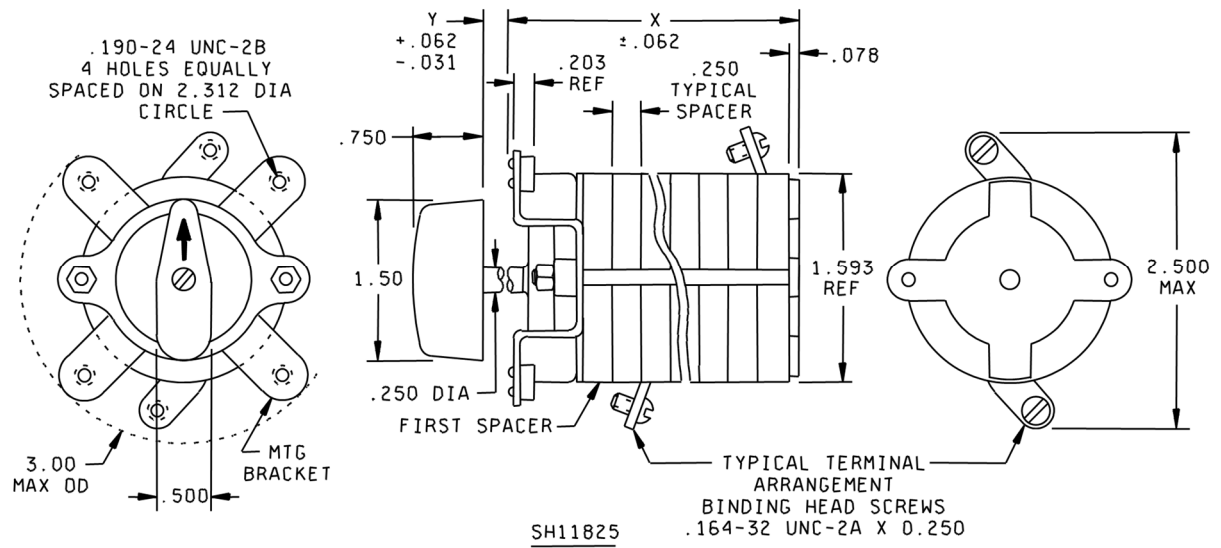


FIGURE 4. Class 1 SR switch, 4-hole mount

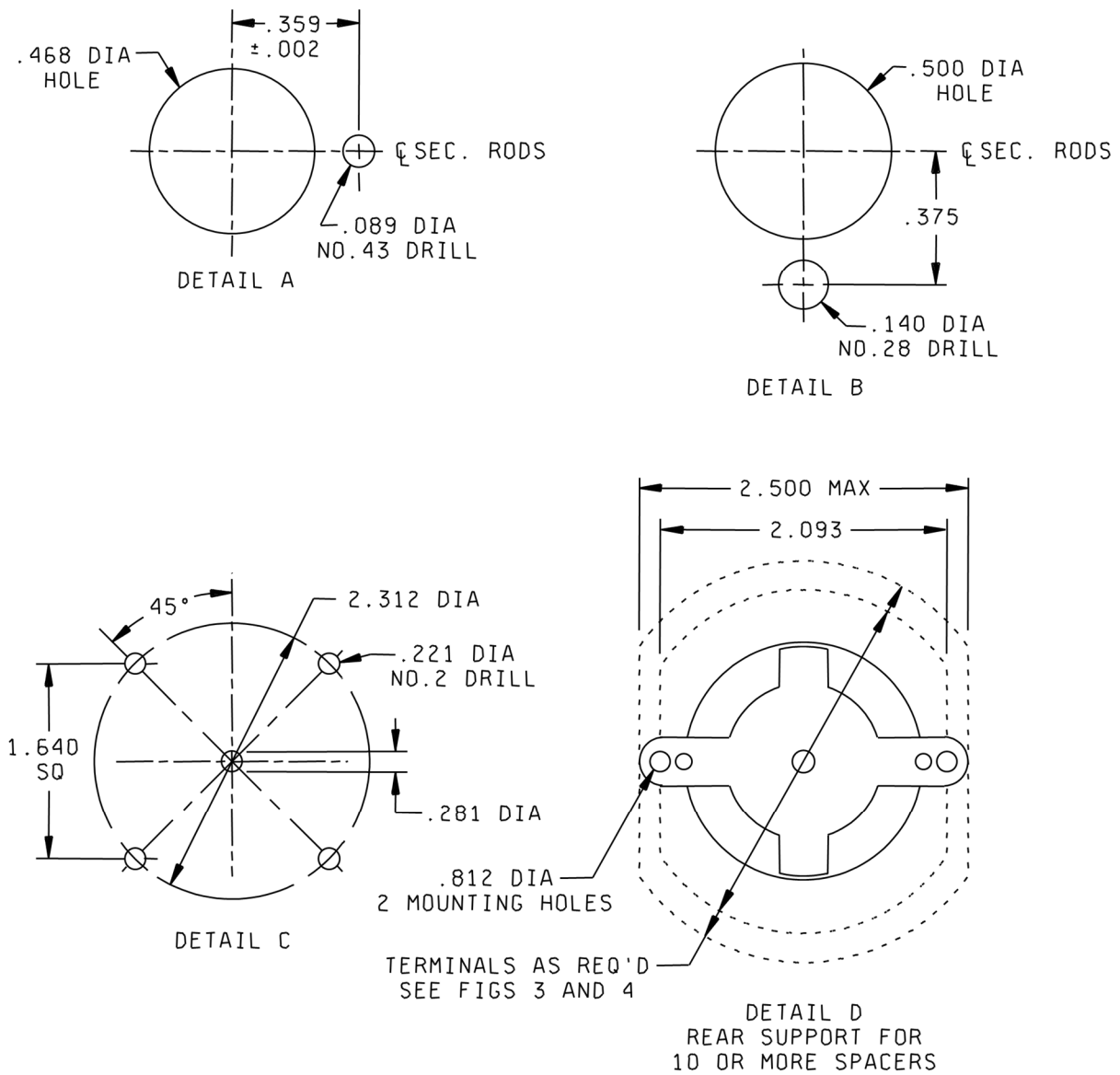


FIGURE 5. Mounting dimensions.

TABLE I Type and switching characteristics

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF    | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |      |      |      |      |      |      |      |      | NOTES |
|---------------------------------------------|------------------|------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|-------|
|                                             | TORQUE<br>IN-LBS | DIM<br>"Y" |                                   | NO 1                                                                                                  | NO 2 | NO 3 | NO 4 | NO 5 | NO 6 | NO 7 | NO 8 | NO 9 |       |
| -001<br>1SR1A2                              | FIGS 3,<br>5C    | 1.250      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -002                                        | FIGS 4,<br>5C    | 1.312      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -003<br>1SR2A2                              | FIG 3,<br>5C     | 1.500      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -004                                        | FIG 4<br>5C      | 1.562      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -005<br>1SR3A2                              | FIG 3,<br>5C     | 1.750      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -006                                        | FIG 4,<br>5C     | 1.812      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -007<br>1SR4A2                              | FIG 3,<br>5C     | 2.000      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -008                                        | FIG 4,<br>5C     | 2.062      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -009                                        | FIG 3,<br>5C     | 2.250      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -010                                        | FIG 4,<br>5C     | 2.312      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |

TABLE I Type and switching characteristics – Continued

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF    | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |      |      |      |      |      |      |      |      |       |       | NOTES |
|---------------------------------------------|------------------|------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|
|                                             | TORQUE<br>IN-LBS | DIM<br>"Y" |                                   | NO 1                                                                                                  | NO 2 | NO 3 | NO 4 | NO 5 | NO 6 | NO 7 | NO 8 | NO 9 | NO 10 | NO 11 |       |
| -011<br>1SR6A2                              | FIGS 3,<br>5C    | 2.500      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -012                                        | FIGS 4,<br>5C    | 2.562      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -013                                        | FIGS 3,<br>5C    | 2.750      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -014                                        | FIGS 4<br>5C     | 2.812      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -015<br>1SR8A2                              | FIGS 3,<br>5C    | 3.000      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -016                                        | FIGS 4,<br>5C    | 3.062      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -017<br>1SR9A2                              | FIGS 3,<br>5C    | 3.375      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 8                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -018                                        | FIGS 4,<br>5C    | 3.437      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 8                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -019                                        | FIGS 3,<br>5C    | 3.625      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 8                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
| -020                                        | FIGS 4,<br>5C    | 3.687      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |
|                                             | 8                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |

MIL-DTL-15291/2D

TABLE I Type and switching characteristics – Continued.

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF    | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |      |      |      |      |      |      |      |      |       |       | NOTES |  |  |  |
|---------------------------------------------|------------------|------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|--|--|--|
|                                             | TORQUE<br>IN-LBS | DIM<br>"Y" |                                   | NO 1                                                                                                  | NO 2 | NO 3 | NO 4 | NO 5 | NO 6 | NO 7 | NO 8 | NO 9 | NO 10 | NO 11 |       |  |  |  |
| -021                                        | FIGS 3,<br>5C    | 1.500      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -022                                        | FIGS 4,<br>5C    | 1.562      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -023<br>1SR2B2                              | FIGS 3,<br>5C    | 2.000      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -024                                        | FIGS 4<br>5C     | 2.062      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -025<br>1SR3B2                              | FIGS 3,<br>5C    | 2.500      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -026                                        | FIGS 4,<br>5C    | 2.562      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -027<br>1SR4B2                              | FIGS 3,<br>5C    | 3.000      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -028                                        | FIGS 4,<br>5C    | 3.062      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -029                                        | FIGS 3,<br>5C    | 3.500      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
| -030                                        | FIGS 4,<br>5C    | 3.437      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |
|                                             | 4                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |  |  |  |

MIL-DTL-15291/2D

TABLE I Type and switching characteristics – Continued.

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF    | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |      |      |      |      |      |      |      |      |       |       |       |       | NOTES |
|---------------------------------------------|------------------|------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
|                                             | TORQUE<br>IN-LBS | DIM<br>"Y" |                                   | NO 1                                                                                                  | NO 2 | NO 3 | NO 4 | NO 5 | NO 6 | NO 7 | NO 8 | NO 9 | NO 10 | NO 11 | NO 12 | NO 13 |       |
| -031<br>1SR6B2                              | FIGS 3,<br>5C    | 4.000      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .375       | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -032                                        | FIGS 4,<br>5C    | 4.062      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .437       | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -033<br>1SR1C2                              | FIGS 3,<br>5C    | 1.250      | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       | 1     |
|                                             | 4                | .375       | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -034<br>1SR2C2                              | FIGS 3,<br>5C    | 1.750      | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       | 1     |
|                                             | 4                | .375       | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -035<br>1SR3C2                              | FIGS 3,<br>5C    | 2.250      | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       | 1     |
|                                             | 4                | .375       | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -036<br>1SR4C2                              | FIGS 3,<br>5C    | 2.750      | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       | 1     |
|                                             | 4                | .375       | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -037                                        | FIGS 3,<br>5C    | 3.250      | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       | 1     |
|                                             | 4                | .375       | ON 1<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -038<br>1SR6C2                              | FIGS 3,<br>5C    | 3.750      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       | 1     |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |

TABLE I Type and switching characteristics – Continued.

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF    | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |      |      |      |      |      |      |      |      |       |       |       |       | NOTES |
|---------------------------------------------|------------------|------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
|                                             | TORQUE<br>IN-LBS | DIM<br>"Y" |                                   | NO 1                                                                                                  | NO 2 | NO 3 | NO 4 | NO 5 | NO 6 | NO 7 | NO 8 | NO 9 | NO 10 | NO 11 | NO 12 | NO 13 |       |
| -039<br>1SR1E2                              | FIGS 3,<br>5C    | 1.500      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .375       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -040                                        | FIGS 4,<br>5C    | 1.562      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .437       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -041<br>1SR2E2                              | FIGS 3,<br>5C    | 2.000      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .375       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -042                                        | FIGS 4<br>5C     | 2.062      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .375       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -043                                        | FIGS 3,<br>5C    | 2.500      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .375       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -044                                        | FIGS 4,<br>5C    | 2.562      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .437       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -045                                        | FIGS 3,<br>5C    | 3.000      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .375       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -046                                        | FIGS 4,<br>5C    | 3.062      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .437       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -047                                        | FIGS 4,<br>5C    | 3.562      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .437       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -048                                        | FIGS 4,<br>5C    | 4.062      | OFF<br>                           |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4                | .437       | ON 2<br>                          |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |

TABLE I Type and switching characteristics – Continued.

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF    | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION                                                             | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       | NOTES |
|---------------------------------------------|------------------|------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|
|                                             | TORQUE<br>IN-LBS | DIM<br>"Y" |                                                                                               | NO 1                                                                                                  | NO 2                                                                                 | NO 3                                                                                  | NO 4                                                                                  | NO 5                                                                                  | NO 6                                                                                  | NO 7                                                                                  |       |
| -049                                        | FIGS 3,<br>SC    | 1.500      | OFF<br>      |                      |    |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       | 2     |
|                                             |                  | .375       | ON 1&2<br>   |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -050                                        | FIGS 4,<br>SC    | 1.562      | OFF<br>      |                      |    |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       | 3     |
|                                             |                  | .437       | ON 1&2<br>   |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -051<br>1SR4F2                              | FIGS 3,<br>SC    | 2.000      | OFF<br>      |                      |    |    |    |    |                                                                                       |                                                                                       | 2     |
|                                             |                  | .375       | ON 1&2<br>   |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -052                                        | FIGS 4<br>SC     | 2.062      | OFF<br>      |                      |    |    |    |    |    |                                                                                       | 3     |
|                                             |                  | .437       | ON 1&2<br>  |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -053<br>1SR6F2                              | FIGS 3,<br>SC    | 2.500      | OFF<br>    |                    |  |  |  |  |  |  | 2     |
|                                             |                  | .375       | ON 1&2<br> |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -054                                        | FIGS 4,<br>SC    | 2.562      | OFF<br>    |                    |  |  |  |  |  |  | 3     |
|                                             |                  | .437       | ON 1&2<br> |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -055                                        | FIGS 3,<br>SC    | 1.500      | ON 1<br>   |                    |  |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
|                                             | 4                | .375       | ON 3<br>   |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -056                                        | FIGS 4,<br>SC    | 1.562      | ON 1<br>   |                    |  |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
|                                             | 4                | .437       | ON 3<br>   |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -057                                        | FIGS 3,<br>SC    | 2.000      | ON 1<br>   |                    |  |  |  |  |  |  |       |
|                                             | 4                | .375       | ON 3<br>   |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |
| -058                                        | FIGS 4,<br>SC    | 2.062      | ON 1<br>   |                    |  |  |  |  |  |  |       |
|                                             | 4                | .437       | ON 3<br>   |                                                                                                       |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |       |

TABLE I Type and switching characteristics – Continued.

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |      |      |      |      |      |      |      |      |       |       |       |       | NOTES |
|---------------------------------------------|---------------|------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
|                                             |               |            |                                   | NO 1                                                                                                  | NO 2 | NO 3 | NO 4 | NO 5 | NO 6 | NO 7 | NO 8 | NO 9 | NO 10 | NO 11 | NO 12 | NO 13 |       |
| -059                                        | FIGS 3,<br>5C | 2.500      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4             | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -060                                        | FIGS 4,<br>5C | 2.437      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4             | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -061                                        | FIGS 3,<br>5C | 3.000      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4             | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -062                                        | FIGS 4<br>5C  | 3.062      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4             | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -063                                        | FIGS 3,<br>5C |            |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             |               | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -064                                        | FIGS 4,<br>5C |            |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             |               | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -065                                        | FIGS 4,<br>5C | 1.312      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4             | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -066                                        | FIGS 4,<br>5C | 1.562      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4             | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -067                                        | FIGS 4,<br>5C | 1.812      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4             | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
| -068                                        | FIGS 4,<br>5C | 2.062      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                             | 4             | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |       |       |       |       |

TABLE I Type and switching characteristics – Continued.

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF    | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION                                                           | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     | NOTES |
|---------------------------------------------|------------------|------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|
|                                             | TORQUE<br>IN-LBS | DIM<br>"Y" |                                                                                             | NO 1                                                                                                  | NO 2                                                                                | NO 3                                                                                 | NO 4                                                                                  | NO 5                                                                                  | NO 6                                                                                  | NO 7                                                                                  | NO 8                                                                                | NO 9                                                                                |       |
| -069                                        | FIGS 4,<br>5C    | 2.312      | OFF<br>    |                      |    |    |    |    |    |                                                                                       |                                                                                     |                                                                                     |       |
|                                             | 4                | .437       |            |                      |    |    |    |    |    |                                                                                       |                                                                                     |                                                                                     |       |
| -070                                        | FIGS 4,<br>5C    | 2.437      | OFF<br>    |                      |    |    |    |    |    |    |                                                                                     |                                                                                     |       |
|                                             | 4                | .437       |            |                      |    |    |    |    |    |    |                                                                                     |                                                                                     |       |
| -071                                        | FIGS 4,<br>5C    | 2.937      | OFF<br>    |                      |    |    |    |    |    |    |  |                                                                                     |       |
|                                             | 8                | .437       |            |                      |    |    |    |    |    |    |  |                                                                                     |       |
| -072                                        | FIGS 4,<br>5C    | 3.187      | OFF<br>    |                      |    |    |    |    |    |    |  |  |       |
|                                             | 8                | .437       |            |                      |    |    |    |    |    |    |  |  |       |
| -073                                        | FIGS 4,<br>5C    | 1.312      | ON 1<br>   |                      |    |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     |       |
|                                             | 4                | .437       |            |                      |    |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     |       |
| -074                                        | FIGS 4,<br>5C    | 1.437      | ON 1<br>   |                      |    |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     |       |
|                                             | 4                | .437       |            |                      |    |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     |       |
| -075                                        | FIGS 4,<br>5C    | 1.812      | ON 1<br>  |                     |   |   |   |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     |       |
|                                             | 4                | .437       |          |                    |  |  |  |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     |       |
| -076                                        |                  | 2.062      | ON 1<br> |                    |  |  |  |  |                                                                                       |                                                                                       |                                                                                     |                                                                                     |       |
|                                             | 4                | .437       |          |                    |  |  |  |  |                                                                                       |                                                                                       |                                                                                     |                                                                                     |       |
| -077                                        |                  |            | ON 1<br> |                    |  |  |  |  |  |                                                                                       |                                                                                     |                                                                                     |       |
|                                             | 4                | .437       |          |                    |  |  |  |  |  |                                                                                       |                                                                                     |                                                                                     |       |
| -078                                        |                  | 2.562      | ON 1<br> |                    |  |  |  |  |  |  |                                                                                     |                                                                                     |       |
|                                             | -                | .437       |          |                    |  |  |  |  |  |  |                                                                                     |                                                                                     |       |

MIL-DTL-15291/2D

TABLE I Type and switching characteristics – Continued

| M15291/2<br>DASH NO.<br>TYPE<br>DESIGNATION | DETAIL<br>REF    | DIM<br>"X" | HANDLE<br>OR<br>SHAFT<br>POSITION | CIRCUIT AND SPACER CONFIGURATIONS ROTOR POSITION,<br>SPACER LOCATIONS, TERMINAL MARKING AND LOCATIONS |      |      |      |      |      |      |      |      | NOTES |
|---------------------------------------------|------------------|------------|-----------------------------------|-------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|-------|
|                                             | TORQUE<br>IN-LBS | DIM<br>"Y" |                                   | NO 1                                                                                                  | NO 2 | NO 3 | NO 4 | NO 5 | NO 6 | NO 7 | NO 8 | NO 9 |       |
| -079                                        | FIGS 4,<br>5C    | 2.937      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 8                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -080                                        | FIGS 4,<br>5C    | 3.187      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 8                | .437       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -081<br>1SR552                              | FIGS 1,<br>5A    | 2.000      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .406       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
| -082<br>1SR552A                             | FIGS 2<br>5B     | 2.000      |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |
|                                             | 4                | .375       |                                   |                                                                                                       |      |      |      |      |      |      |      |      |       |

<sup>1</sup>External jumpers not furnished Applies to all "C" switches<sup>2</sup>Break before make See requirements and figure 6<sup>3</sup>Make before break

MIL-DTL-15291/2D

## REQUIREMENTS:

|   |                                                    |                                                                                                                                                                                                             |
|---|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ■ | Applicable specification:                          | <a href="#">MIL-DTL-15291</a>                                                                                                                                                                               |
|   | Dimensions and mounting:                           | See figures 1 through 8                                                                                                                                                                                     |
|   | Switching characteristics:                         | See table I                                                                                                                                                                                                 |
|   | Angle of throw:                                    | 90 degrees                                                                                                                                                                                                  |
|   | Switching action:                                  | Snap action, reciprocating                                                                                                                                                                                  |
|   | Electrical and endurance ratings:                  | See table II                                                                                                                                                                                                |
|   | Stop strength (applicable to switches with stops): | 30 inch-pounds                                                                                                                                                                                              |
| ■ | Vibration:                                         | 50 Hz, <a href="#">MIL-STD-167-1</a>                                                                                                                                                                        |
| ■ | Shock (high impact):                               | High impact, <a href="#">MIL-DTL-901</a>                                                                                                                                                                    |
|   | Overload.                                          | 600 percent of ac rating, 50 make and break operations                                                                                                                                                      |
| ■ | Contact resistance:                                | 0.02 ohms maximum                                                                                                                                                                                           |
|   | Dielectric withstanding voltage:                   | 1,250 Vrms                                                                                                                                                                                                  |
|   | Insulation resistance:                             | 200 megohms minimum                                                                                                                                                                                         |
|   | Temperature rise:                                  | 50°C maximum                                                                                                                                                                                                |
|   | Mounting screws.                                   | .190-24UNC-2A (4) length and headstyle to suit application, screws not furnished.                                                                                                                           |
| ■ | Handle                                             | M15291/1-100 per <a href="#">MIL-DTL-15291/1</a> .                                                                                                                                                          |
|   | Terminal marking:                                  | Terminal markings shown in table I locate terminals as viewed from the front of the switch (handle end) Markings shall be stamped in rear surfaces of terminals, clear of the screw heads.                  |
|   | Make before break switching characteristic F:      | Operation of a characteristic F, make before break switch from the "1 and 2" position to either the "1" position or the "2" position shall not interrupt continuity through the ultimate position (1 or 2). |

TABLE II Electrical and endurance ratings.

| Tests                     | Current (amperes) | Voltage (volts) | Electrical Operations (number of operations) | Test rate (operations per minute) | De-energized operations (number of operations) |
|---------------------------|-------------------|-----------------|----------------------------------------------|-----------------------------------|------------------------------------------------|
| Alternating current (rms) | 10                | 125             | 30,000                                       | 30                                | 20,000                                         |
| Direct current            | 10                | 120             | 20,000                                       | 15                                | --                                             |

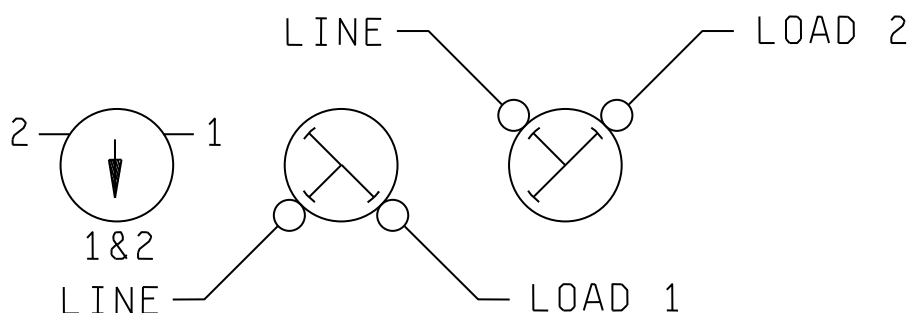


FIGURE 6. Switching characteristic F

## GENERAL INFORMATION:

Switches not covered by specification sheets: Switches which are fabricated from standard parts, as used in qualified switches, but which do not comply with switches detailed herein with respect to circuit characteristics, switching action, mounting arrangement, and handle details may be acquired under this specification from contractors having qualification approval under this specification.

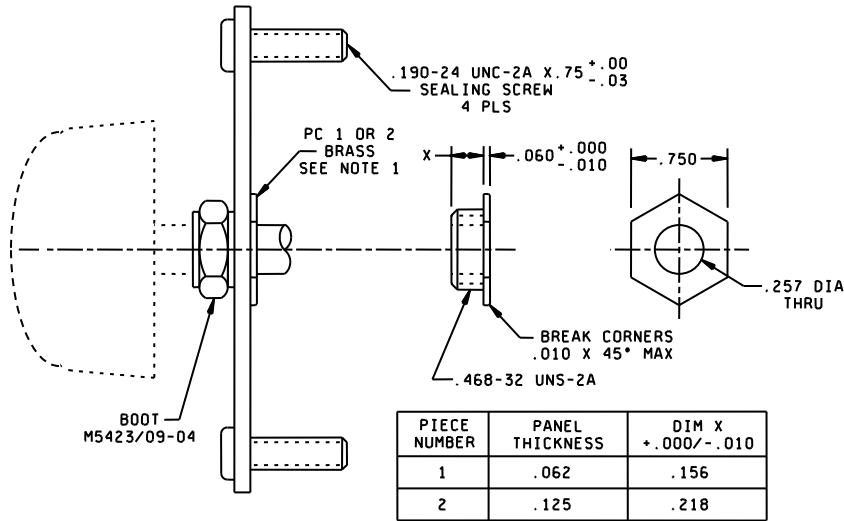
Extended ratings: Switches detailed herein have been tested and found satisfactory at the extended ratings listed in table III. Reduced life expectancy must be anticipated for switches used at these increased voltage or current levels. Tests under the conditions of table III are not required for qualification acceptance and they are not repeated routinely as for maintenance of qualification. Supplemental evaluations and tests applicable to particular circuit requirements are recommended.

Sealed mounting: Switches listed in table I as having four-point mounting (see figure 4), and "Y" dimension not less than 7/16 inch can be mounted with a kit (see figure 7), to effect a submersible seal (SBM15) between switch and mounting panel. Panel drilling must comply with figure 8. Kits not supplied unless specified (see 6.2 of [MIL-DTL-15291](#)).

TABLE III. Extended ratings.

| Switching<br>character-<br>istics | AC 60 or 400 Hz           |            |                             |            |                           |            |                             |            |                           |            |                             |            |
|-----------------------------------|---------------------------|------------|-----------------------------|------------|---------------------------|------------|-----------------------------|------------|---------------------------|------------|-----------------------------|------------|
|                                   | 125 volts                 |            |                             |            | 250 volts                 |            |                             |            | 500 volts                 |            |                             |            |
|                                   | Resistive or<br>lamp load |            | Inductive load<br>0.75 p.f. |            | Resistive or<br>lamp load |            | Inductive load<br>0.75 p.f. |            | Resistive or<br>lamp load |            | Inductive load<br>0.75 p.f. |            |
|                                   | Amp.                      | Operations | Amp.                        | Operations | Amp.                      | Operations | Amp.                        | Operations | Amp.                      | Operations | Amp.                        | Operations |
| All <sup>1</sup>                  | 10                        | 30,000     | 10                          | 30,000     | --                        | --         | --                          | --         | --                        | --         | --                          | --         |
| C,D,E,F,G                         | 15                        | 10,000     | 15                          | 10,000     | 10                        | 10,000     | 10                          | 10,000     | 5                         | 10,000     | 5                           | 10,000     |
| A, B <sup>2</sup>                 | 15                        | 10,000     | 15                          | 10,000     | 10                        | 10,000     | 10                          | 10,000     | 5                         | 10,000     | 5                           | 10,000     |
| A, B                              | 15                        | 10,000     | 15                          | 10,000     | 15                        | 10,000     | 15                          | 10,000     | 10                        | 10,000     | 10                          | 10,000     |
|                                   | DC                        |            |                             |            |                           |            |                             |            |                           |            |                             |            |
|                                   | 120 volts                 |            |                             |            | 250 volts                 |            |                             |            | 350 volts                 |            |                             |            |
|                                   | Resistive or<br>Lamp load |            | Inductive load <sup>3</sup> |            | Resistive or<br>Lamp load |            | Inductive load <sup>3</sup> |            | Resistive or<br>Lamp load |            | Inductive load <sup>3</sup> |            |
|                                   | Amp.                      | Operations | Amp.                        | Operations | Amp.                      | Operations | Amp.                        | Operations | Amp.                      | Operations | Amp.                        | Operations |
| C,D,E,F,G                         | 10                        | 10,000     | 10                          | 10,000     | 5                         | 10,000     | 5                           | 10,000     | 2                         | 10,000     | 2                           | 10,000     |
| C,D,E,F,G <sup>2</sup>            | --                        | --         | --                          | --         | --                        | --         | --                          | --         | 1                         | 10,000     | 1                           | 10,000     |
| A, B <sup>2</sup>                 | 10                        | 10,000     | 10                          | 10,000     | 5                         | 10,000     | 5                           | 10,000     | 2                         | 10,000     | 2                           | 10,000     |
| A, B                              | 10                        | 20,000     | 15                          | 10,000     | --                        | --         | --                          | --         | --                        | --         | --                          | --         |

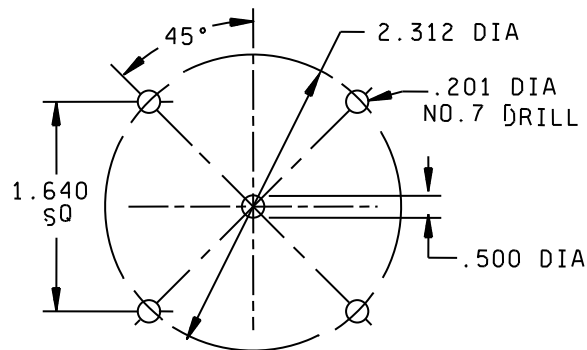
<sup>1</sup>Switching characteristic F is not rated for 450 volts in class 1SR<sup>2</sup>Single pole break – all other ratings are based on breaking both sides of the line in accordance with figure 1 and 2<sup>3</sup>0.24 henry for inductive circuit



NOTE

1. Finish shall be zinc and dichromate, [ASTM-B633](#)

FIGURE 7. Kit for panel seal mounting.



NOTE

1. Do not chamfer mounting holes. Breaking 1/64 maximum permissible.

FIGURE 8. Panel drilling for mounting kit.

Application and Acquisition Guide: PIN and type designation cross reference shall be as shown in table IV.

TABLE IV. Application and acquisition guide.

| M15291/2<br>dash No. | Type<br>designation | For new or<br>existing design | For re-<br>placement | Circuit<br>configuration   |
|----------------------|---------------------|-------------------------------|----------------------|----------------------------|
| -001                 | ISR1A2              |                               | X <sup>1</sup>       | A (off-on-off-on)          |
| -002                 | -                   | X                             |                      | A (off-on-off-on)          |
| -003                 | ISR2A2              |                               | X                    | A (off-on-off-on)          |
| -004                 | -                   | X                             |                      | A (off-on-off-on)          |
| -005                 | ISR3A2              |                               | X                    | A (off-on-off-on)          |
| -006                 | -                   | X                             |                      | A (off-on-off-on)          |
| -007                 | ISR4A2              |                               | X                    | A (off-on-off-on)          |
| -008                 | -                   | X                             |                      | A (off-on-off-on)          |
| -009                 | -                   |                               | X                    | A (off-on-off-on)          |
| -010                 | -                   | X                             |                      | A (off-on-off-on)          |
| -011                 | ISR6A2              |                               | X                    | A (off-on-off-on)          |
| -012                 | -                   | X                             |                      | A (off-on-off-on)          |
| -013                 | -                   |                               | X                    | A (off-on-off-on)          |
| -014                 | -                   | X                             |                      | A (off-on-off-on)          |
| -015                 | ISR8A2              |                               | X                    | A (off-on-off-on)          |
| -016                 | -                   | X                             |                      | A (off-on-off-on)          |
| -017                 | 8SR9A2              |                               | X                    | A (off-on-off-on)          |
| -018                 | -                   | X                             |                      | A (off-on-off-on)          |
| -019                 | -                   |                               | X                    | A (off-on-off-on)          |
| -020                 | -                   | X                             |                      | A (off-on-off-on)          |
| -021                 | ISR1B2              |                               | X <sup>1</sup>       | B (off-on-1-off-on 2)      |
| -022                 | -                   | X                             |                      | B (off-on-1-off-on 2)      |
| -023                 | ISR2B2              |                               | X                    | B (off-on-1-off-on 2)      |
| -024                 | -                   | X                             |                      | B (off-on-1-off-on 2)      |
| -025                 | ISR3B2              |                               | X                    | B (off-on-1-off-on 2)      |
| -026                 | -                   | X                             |                      | B (off-on-1-off-on 2)      |
| -027                 | ISR4B2              |                               | X                    | B (off-on-1-off-on 2)      |
| -028                 | -                   | X                             |                      | B (off-on-1-off-on 2)      |
| -029                 | -                   |                               | X                    | B (off-on-1-off-on 2)      |
| -030                 | -                   | X                             |                      | B (off-on-1-off-on 2)      |
| -031                 | ISR6B2              |                               | X                    | B (off-on-1-off-on 2)      |
| -032                 | -                   | X                             |                      | B (off-on-1-off-on 2)      |
| -033                 | ISR1C2              | X                             |                      | C (on 1-on 2-on 1-on 2)    |
| -034                 | ISR1C2              | X                             |                      | C (on 1-on 2-on 1-on 2)    |
| -035                 | ISR1C2              | X                             |                      | C (on 1-on 2-on 1-on 2)    |
| -036                 | ISR1C2              | X                             |                      | C (on 1-on 2-on 1-on 2)    |
| -037                 | -                   | X                             |                      | C (on 1-on 2-on 1-on 2)    |
| -038                 | ISR6C2              | X                             |                      | C (on 1-on 2-on 1-on 2)    |
| -039                 | ISR1E2              |                               | X <sup>1</sup>       | E (off-on 1-on 2-on 3)     |
| -040                 | -                   | X                             |                      | E (off-on 1-on 2-on 3)     |
| -041                 | ISR2E2              |                               | X                    | E (off-on 1-on 2-on 3)     |
| -042                 | -                   | X                             |                      | E (off-on 1-on 2-on 3)     |
| -043                 | -                   |                               | X                    | E (off-on 1-on 2-on 3)     |
| -044                 | -                   | X                             |                      | E (off-on 1-on 2-on 3)     |
| -045                 | -                   |                               | X                    | E (off-on 1-on 2-on 3)     |
| -046                 | -                   | X                             |                      | E (off-on 1-on 2-on 3)     |
| -047                 | -                   | X                             |                      | E (off-on 1-on 2-on 3)     |
| -048                 | -                   | X                             |                      | E (off-on 1-on 2-on 3)     |
| -049                 | -                   |                               | X <sup>1</sup>       | F (off-on 1-on 1 & 2-on 2) |
| -050                 | -                   | X                             |                      | F (off-on 1-on 1 & 2-on 2) |
| -051                 | ISR4F2              |                               | X                    | F (off-on 1-on 1 & 2-on 2) |
| -052                 | -                   | X                             |                      | F (off-on 1-on 1 & 2-on 2) |

TABLE IV. Application and acquisition guide – Continued

| M15291/2<br>dash No. | Type<br>designation | For new or<br>existing design | For re-<br>placement | Circuit<br>configuration   |
|----------------------|---------------------|-------------------------------|----------------------|----------------------------|
| -053                 | ISR6F2              |                               | X                    | F (off-on 1-on 1 & 2-on 2) |
| -054                 | -                   | X                             |                      | F (off-on 1-on 1 & 2-on 2) |
| -055                 | ISR1G2              |                               | X <sup>1</sup>       | G (-on 1-on 2-on 3)        |
| -056                 | -                   | X                             |                      | G (-on 1-on 2-on 3)        |
| -057                 | -                   |                               | X                    | G (-on 1-on 2-on 3)        |
| -058                 | -                   | X                             |                      | G (-on 1-on 2-on 3)        |
| -059                 | -                   |                               | X                    | G (-on 1-on 2-on 3)        |
| -060                 | -                   | X                             |                      | G (-on 1-on 2-on 3)        |
| -061                 | ISR4G2              |                               | X                    | G (-on 1-on 2-on 3)        |
| -062                 | -                   | X                             |                      | G (-on 1-on 2-on 3)        |
| -063                 | -                   | X                             |                      | G (-on 1-on 2-on 3)        |
| -064                 | -                   | X                             |                      | G (-on 1-on 2-on 3)        |
| -065                 | -                   | X                             |                      | H (on 1-off-on 2)          |
| -066                 | -                   | X                             |                      | H (on 1-off-on 2)          |
| -067                 | -                   | X                             |                      | H (on 1-off-on 2)          |
| -068                 | -                   | X                             |                      | H (on 1-off-on 2)          |
| -069                 | -                   | X                             |                      | H (on 1-off-on 2)          |
| -070                 | -                   | X                             |                      | H (on 1-off-on 2)          |
| -071                 | -                   | X                             |                      | H (on 1-off-on 2)          |
| -072                 | -                   | X                             |                      | H (on 1-off-on 2)          |
| -073                 | -                   | X                             |                      | J (on 1-on 2-on 1-on 2)    |
| -074                 | -                   | X                             |                      | J (on 1-on 2-on 1-on 2)    |
| -075                 | -                   | X                             |                      | J (on 1-on 2-on 1-on 2)    |
| -076                 | -                   | X                             |                      | J (on 1-on 2-on 1-on 2)    |
| -077                 | -                   | X                             |                      | J (on 1-on 2-on 1-on 2)    |
| -078                 | -                   | X                             |                      | J (on 1-on 2-on 1-on 2)    |
| -079                 | -                   | X                             |                      | J (on 1-on 2-on 1-on 2)    |
| -080                 | -                   | X                             |                      | J (on 1-on 2-on 1-on 2)    |
| -081                 | ISR4S2              | X                             |                      | S (see table I)            |
| -082                 | ISR5S2A             | X                             |                      | S (see table I)            |

<sup>1</sup>Switches having circuit configurations A, B, E, F, or G and designated "For replacement" should be superseded in new designs by the next higher dash number of the same configuration and number of poles.

Referenced Documents:

[MIL-DTL-15291](#)  
[MIL-DTL-15291/1](#)  
[MIL-DTL-901](#)  
[MIL-STD-167-1](#)  
[ASTM-B633](#)

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the previous issue.

Custodians:  
Navy - SH  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5930-2026-057)

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/> .