Wet Armature Solenoid Operated Directional Valves

F6-DG4S4-01*(*)C-W3-*50
NOTE
Part numbers prefixed with a symbol are available only as service kits.

NOTE
* Assemble washer with break edge toward outside of valve.

<table>
<thead>
<tr>
<th>Model</th>
<th>Spool</th>
<th>Diagram Plate</th>
<th>Spool Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>F6-DG4S4-010C-W3-*-50</td>
<td>463385</td>
<td>290341</td>
<td>940711</td>
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<tr>
<td>F6-DG4S4-011C-W3-*-50</td>
<td>463386</td>
<td>290342</td>
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<td>F6-DG4S4-012C-W3-*-50</td>
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<td>290343</td>
<td>940713</td>
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<td>F6-DG4S4-013C-W3-*-50</td>
<td>463388</td>
<td>290344</td>
<td>940714</td>
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<tr>
<td>F6-DG4S4-016C-W3-*-50</td>
<td>463389</td>
<td>290345</td>
<td>940715</td>
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<tr>
<td>F6-DG4S4-0168C-W3-*-50</td>
<td>463390</td>
<td>577480</td>
<td>941014*</td>
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<tr>
<td>F6-DG4S4-017C-W3-*-50</td>
<td>463391</td>
<td>290346</td>
<td>940716</td>
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<tr>
<td>F6-DG4S4-0178C-W3-*-50</td>
<td>463392</td>
<td>577482</td>
<td>941015*</td>
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<td>F6-DG4S4-018C-W3-*-50</td>
<td>463393</td>
<td>290340</td>
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<td>F6-DG4S4-0133C-W3-*-50</td>
<td>463394</td>
<td>577484</td>
<td>940718</td>
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</tbody>
</table>

Assemble Type 1 spool with relieved land toward “A” port.
Assemble Type 3 spool with narrow land toward “A” port.
Spool kit includes spool, diagram plate, seal kit, and parts prefixed with a closed square symbol (■).
*Order this spool kit when valve is used as the pilot stage on DGSS4-**4/8C/D models.

- 400965 DC Pole Face
- 400803 AC Pole Face
- 573395 Spacer (Position counterbore toward push pin.)
- 290072 Spring
- 217323 Spring (DG4S4-018 only)

- 591453 Manual Plunger
- 262326 “O” Ring
- 262344 “O” Ring
- 400802 Core Tube S/A
- 400809 Push Pin
- 591452 Armature & Pin S/A
- 596064 Spring

- 166360 “O” Ring
- 400807 Flange (Assemble chamfer toward body.)
- 1250 Screw (2 req’d) Torque 30-39 N.m. (264-336 lb. in.)
- 400815 Gasket
- Coil S/A (See table)
- 577726 Screw (2 req’d) Torque 1.3-1.8 N.m (12-16 lb. in.)
Included in Fastener Kit 942465

Included in F3 Seal Kit 920109

Included in 941493 AC Core Tube Kit

Included in 941416 DC Core Tube Kit

<table>
<thead>
<tr>
<th>Part #</th>
<th>Kit#</th>
<th>Code</th>
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<tbody>
<tr>
<td>174638</td>
<td>944054</td>
<td>B</td>
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<tr>
<td>286122</td>
<td>944042</td>
<td>D</td>
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<td>36212</td>
<td>944053</td>
<td>M</td>
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<td>400823</td>
<td>942466</td>
<td>110/50, 115/60, 120/60</td>
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<tr>
<td>400824</td>
<td>942467</td>
<td>220/50, 230/60</td>
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<tr>
<td>400825</td>
<td>942468</td>
<td>440/50, 460/60</td>
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<tr>
<td>435755</td>
<td>941017</td>
<td>127/50</td>
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<tr>
<td>400809</td>
<td>926310</td>
<td>EG</td>
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</table>

Lot Kits
(25 pcs. only)
Model Code

F6 - DG4S4 * - 01 * C - W3 - * - 50

1. Seals
F6 - High water base fluids

2. Model Series
DG4S4 - Directional valve, manifold or subplate mounted, solenoid operated, sliding spool, 4-way flow direction

3. Solenoid Indicator Lights
L - Light
(Omit for no lights)

4. Series

5. Spool Type

6. Position
A - Offset

7. Wet Armature
W3 - Serviceable core tube S/A

8. Coil Identification Letter

9. Design

For Models with Solenoid Indicator Lights

- 298785 Screw
- 298782 Gasket

Solenoid Indicator Light
Identification Plate

For Models with Solenoid Indicator Lights Kit
(Includes all parts identified)

<table>
<thead>
<tr>
<th>Voltage Range</th>
<th>Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 thru 127</td>
<td>941615</td>
</tr>
<tr>
<td>192 thru 233</td>
<td>941617</td>
</tr>
</tbody>
</table>

NOTE
Refer to parts drawing I-3487-S for models with plug-in feature.

For satisfactory service life of these components in industrial applications, use full flow filtration to provide fluid which meets ISO cleanliness code 18/15 or cleaner. Selections from Eaton OFP, OFR, and OFRS series are recommended.