## Spring Centered Directional Valves

**DG4S4-01*(*)C-(*)-50**
**DG4S2-012C-(*)-50**

### Service Data

#### DG4S4-01*(*)C-(*)-50

<table>
<thead>
<tr>
<th>Model</th>
<th>Diagram Plate</th>
<th>Spool</th>
<th>Washer (2 Req’d)</th>
<th>Spring (2 Req’d)</th>
<th>Push Pin (2 Req’d)</th>
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<tr>
<td>DG4S2-012C-(*)-50</td>
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</tbody>
</table>

### Instructions

- **174638 Screw (4 req’d)**
- **281421 Body**
- **36212 Screw**
- **Identification Plate**
- **286122 Gasket and Wire Subassy**
- **64765 Plug**

For models without Solenoid Indicator Lights. (See back page for Indicator Light Parts)

#### DG4S2-012C-(*)-50

- **174638 Screw (4 req’d)**
- **281421 Body**
- **36212 Screw**
- **Identification Plate**
- **286122 Gasket and Wire Subassy**
- **64765 Plug**

For models without Solenoid Indicator Lights. (See back page for Indicator Light Parts)

### Parts List

- **236797 Retaining Ring (2 req’d)**
- **262328 O-Ring (2 req’d)**
- **750040 Plunger (2 req’d)**
- **345824 Screw (8 req’d)**
- **345825 Screw (2 req’d)**
- **345913 Gasket (2 req’d)**
- **416834 Rivet (4 req’d)**
- **174638 Screw (4 req’d)**
- **281421 Body**
- **36212 Screw**
- **Identification Plate**
- **286122 Gasket and Wire Subassy**
- **64765 Plug**

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**Notes:**
- Included in 919214 Seal Kit
- Not Available for Sale

**Diagrams:**
- 281422 Guide (2 req’d)
- 7074 Plug
- 281423 Washer (2 req’d)
- 262354 O-Ring (2 req’d)
- 262327 O-Ring (2 req’d)

**Identification Plate:**
- 36212 Screw
- Retaining Ring (2 req’d)

**Assembly guide:**
- Assemble relieved land of type 1 & narrow land of type 3 spools toward “A” port.
- Assemble on spool with sharp break edge toward spring.

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Revised 7/1/86

I-3477-S
Seal Material
F3 - Seals for mineral oil and fire resistant fluids

Model Series
DG4S - Directional valve, gasket mounted, solenoid operated, sliding spool

Flow Directions
2 - 2 way
4 - 4 way

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

50/60 Hertz Solenoids

<table>
<thead>
<tr>
<th>Model</th>
<th>Solenoid S/A (2 req’d)</th>
<th>Coil</th>
<th>Lead Wire Identification</th>
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<tr>
<td>DG<em>S4-</em>**<em>-115AC-50/60-5</em></td>
<td>751137</td>
<td>751057</td>
<td>Red Lead - Common</td>
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<tr>
<td>F3-DG<em>S4-</em>**<em>-115AC-50/60-5</em></td>
<td>751407</td>
<td>751406</td>
<td>Yellow Lead - 60 Hz</td>
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For 50 cycle operation use Red and Blue Leads.
For 60 cycle operation use Red and Yellow Leads.
Do not use Blue and Yellow Leads together.

Voltage Range Kit

<table>
<thead>
<tr>
<th>Voltage Range</th>
<th>Kit</th>
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<tr>
<td>100 thru 125</td>
<td>941615</td>
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</tbody>
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Model Code

(F3) - DG4S * (L) - 01 * C - (***AC**) - 50

1 Seal Material
F3 - Seals for mineral oil and fire resistant fluids

4 L-Solenoid Indicator Light
Omitted - None

5 Solenoid Voltage and Frequency
Omitted-115AC60 Standard

3 Model Series
DG4S - Directional valve, gasket mounted, solenoid operated, sliding spool

6 Spool Type

7 Spring Centered

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 20/18/15 or cleaner. Selections from Eaton OFP, OFR, and OFRS series are recommended.