Industrial Relay Sockets
About Durakool

Durakool is a globally renowned manufacturer of technology supporting switching and sensing solutions. Initially established in 1935 to manufacture switching devices for power generation in industrial & power automation systems, Durakool evolved to provide solutions for power electronics, industrial electronics, automotive and telecommunications applications. Today the reliability and quality of Durakool products are at the heart of the WTAEC Group (www.wtaec.com).

Durakool’s engineering team provides partners with technical consultation based upon extensive application knowledge and experience. Through many years of development and innovation, they understand that quality is paramount and pursue a policy of continuous improvement.

Durakool continues to innovate and develop relays and contactors to meet existing and forthcoming requirements within many industries. New products are introduced on a regular basis as we seek to exceed customer expectations. Durakool is using novel techniques to reduce package size whilst meeting increasing demands for higher voltage and higher current switching.

‘We believe in developing long term relationships with our customers to provide highest quality products & services, exceeding our partner’s needs. We work as a key member of our partners’ operations from concept to delivery and beyond.’
## Index of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>About Durakool</td>
<td>2</td>
</tr>
<tr>
<td>Index of Contents</td>
<td>3</td>
</tr>
<tr>
<td>The Correct Socket - Index of which Durakool Relays are suitable for which sockets</td>
<td>4</td>
</tr>
<tr>
<td>D10F Series</td>
<td>5 - 7</td>
</tr>
<tr>
<td>D13F Series</td>
<td>8 - 9</td>
</tr>
<tr>
<td>D14F Series</td>
<td>10 - 12</td>
</tr>
<tr>
<td>D18F Series</td>
<td>13 - 18</td>
</tr>
<tr>
<td>D41F Series</td>
<td>19</td>
</tr>
<tr>
<td>Miscellaneous Sockets</td>
<td>20</td>
</tr>
<tr>
<td>Accessories - Relay Socket Modules (PC Blade Plug-in)</td>
<td>21</td>
</tr>
<tr>
<td>Accessories - Relay Socket Modules (Round Pin Plug-in)</td>
<td>22 - 23</td>
</tr>
<tr>
<td>Accessories - Relay Socket Retaining Springs and Ejector Clips</td>
<td>24 - 25</td>
</tr>
<tr>
<td>Accessories - Relay Socket Separator and Relay Socket Tags</td>
<td>26</td>
</tr>
<tr>
<td>Accessories - Relay Socket Terminal Strips</td>
<td>27</td>
</tr>
</tbody>
</table>
# Index of which sockets are suitable for which Durakool Relays

<table>
<thead>
<tr>
<th>Durakool Relay Part Number &amp; Pole</th>
<th>Suitable Durakool Relay Sockets</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DX15A DPDT (8 Pin)</td>
<td>D10F-2Z-C1, D10F-2Z-C2, D10F-2Z-C3, D10F-2Z-C4, D10F-2Z-C5</td>
<td>5 - 6</td>
</tr>
<tr>
<td>DX15A 3PDT (11 Pin)</td>
<td>D10F-3Z-C1, D10F-3Z-C2, D10F-3Z-C3, D10F-3Z-C4</td>
<td>6 - 7</td>
</tr>
<tr>
<td>DX2 DPDT</td>
<td>D18F-2Z-A1, D18F-2Z-A2, D18F-2Z-C1, D18F-2Z-C2, D18F-2Z-C3, D18F-2Z-C4, D18F-2Z-C5, D18F-2Z-C6, D18F-2Z-C7, D18F-2Z-C8, D18F-2Z-C9</td>
<td>13 - 15</td>
</tr>
<tr>
<td>DX3 3PDT</td>
<td>D18F-3Z-A1, D18F-3Z-A2, D18F-3Z-C1, D18F-3Z-C2, D18F-3Z-C4, D18F-3Z-C5</td>
<td>15 - 16</td>
</tr>
<tr>
<td>DX4 4PDT</td>
<td>D18F-4Z-A, D18F-4Z-A1, D18F-4Z-A2, D18F-4Z-B, D18F-4Z-C1N, D18F-4Z-C2N, D18F-4Z-C3, D18F-4Z-C4, D18F-4Z-C5, D18F-4Z-C6, D18F-4Z-C7, D18F-4Z-C8, D18F-4Z-C9</td>
<td>16 - 18</td>
</tr>
<tr>
<td>DM41 DM87N DX87N</td>
<td>D14F-1Z-A1, D14F-1Z-A2, D14F-1Z-C1, D14F-1Z-C2, D14F-1Z-C3N, D14F-1Z-C4, D14F-1Z-C5</td>
<td>10 - 11</td>
</tr>
<tr>
<td>DLR</td>
<td>DLR7LF-06</td>
<td>20</td>
</tr>
<tr>
<td>DY4</td>
<td>D13F-4Z-C1</td>
<td>9</td>
</tr>
</tbody>
</table>

See website for contact details: www.durakoolrelays.com
Performance parameters
Rated voltage: 250VAC
Rated current: 10A
Insulation voltage: ≥ 3KV
Socket material: PA66+GF (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 25
Module: No

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Outline Drawing</th>
<th>Wiring Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage: 300VAC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated current: 10A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insulation voltage: ≥ 3KV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Socket material: PA66+GF (V1/V0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contacts spring material: QSn6.5-0.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hold down spring (on request):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steel wire - various, see Page 24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

D10F-2Z-A
Rated voltage: 300VAC
Rated current: 10A
Insulation voltage: ≥ 3KV
Socket material: PA66+GF (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 24
Module: No

D10F-2Z-C1
Rated voltage: 300VAC
Rated current: 10A
Insulation voltage: ≥ 3KV
Socket material: PA66+GF (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 24
Module: No

D10F-2Z-C2
Rated voltage: 250VAC
Rated current: 10A
Insulation voltage: ≥ 3KV
Socket material: PA46-S250F6 (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 25
Module: No

D10F-2Z-C3
Rated voltage: 250VAC
Rated current: 10A
Insulation voltage: ≥ 3KV
Socket material: PA46-S250F6 (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 25
Module: No

See website for contact details: www.durakoolrelays.com
<table>
<thead>
<tr>
<th>Model</th>
<th>Parameters</th>
<th>Outline Drawing</th>
<th>Wiring Diagram</th>
</tr>
</thead>
</table>
| **D10F-2Z-C4** | Rated voltage: 250VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 25  
Module: No | ![Outline Drawing](https://via.placeholder.com/150) | ![Wiring Diagram](https://via.placeholder.com/150) |
| **D10F-2Z-C5** | Rated voltage: 250VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 25 | ![Outline Drawing](https://via.placeholder.com/150) | ![Wiring Diagram](https://via.placeholder.com/150) |
| **D10F-3Z-A** | Rated voltage: 250VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 24 | ![Outline Drawing](https://via.placeholder.com/150) | ![Wiring Diagram](https://via.placeholder.com/150) |
| **D10F-3Z-C1** | Rated voltage: 250VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 24  
Module: No | ![Outline Drawing](https://via.placeholder.com/150) | ![Wiring Diagram](https://via.placeholder.com/150) |
| **D10F-3Z-C2** | Rated voltage: 300VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA46-S250F6 (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 25  
Module: No | ![Outline Drawing](https://via.placeholder.com/150) | ![Wiring Diagram](https://via.placeholder.com/150) |
| **D10F-3Z-C3** | Rated voltage: 250VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 25  
Module: No | ![Outline Drawing](https://via.placeholder.com/150) | ![Wiring Diagram](https://via.placeholder.com/150) |
### Parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>D10F-3Z-C4</th>
<th>D10F-3Z-C5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>300VAC</td>
<td>300VAC</td>
</tr>
<tr>
<td>Rated current</td>
<td>10A</td>
<td>10A</td>
</tr>
<tr>
<td>Insulation voltage</td>
<td>≥ 3KV</td>
<td>≥ 3KV</td>
</tr>
<tr>
<td>Socket material</td>
<td>PA66+GF (V1/V0)</td>
<td>PA66+GF (V1/V0)</td>
</tr>
<tr>
<td>Contacts spring material</td>
<td>QSn6.5-0.1</td>
<td>QSn6.5-0.1</td>
</tr>
<tr>
<td>Hold down spring (on request):</td>
<td>Steel wire - various, see Page 25</td>
<td>Steel wire - various, see Page 25</td>
</tr>
<tr>
<td>Module</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### Outline Drawing

![Outline Drawing](image1)

### Wiring Diagram

![Wiring Diagram](image2)
## Performance parameters

- **Rated voltage:** 250VAC
- **Rated current:** 7A
- **Insulation voltage:** ≥ 3KV
- **Socket material:** PA66+GF (V1/V0)
- **Contacts spring material:** QSn6.5-0.1

Hold down spring (on request):
- Steel wire - various, see Page 25

### D13F-2Z-C3

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Outline Drawing</th>
<th>Wiring Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage: 250VAC</td>
<td><img src="image1" alt="Outline Drawing" /></td>
<td><img src="image2" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Rated current: 10A</td>
<td><img src="image3" alt="Outline Drawing" /></td>
<td><img src="image4" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Insulation voltage: ≥ 3KV</td>
<td><img src="image5" alt="Outline Drawing" /></td>
<td><img src="image6" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Socket material: PA66+GF (V1/V0)</td>
<td><img src="image7" alt="Outline Drawing" /></td>
<td><img src="image8" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Contacts spring material: QSn6.5-0.1</td>
<td><img src="image9" alt="Outline Drawing" /></td>
<td><img src="image10" alt="Wiring Diagram" /></td>
</tr>
</tbody>
</table>

Hold down spring (on request):
- Steel wire - various, see Page 24

- **Module:** No

---

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
<table>
<thead>
<tr>
<th>Model</th>
<th>Parameters</th>
<th>Outline Drawing</th>
<th>Wiring Diagram</th>
</tr>
</thead>
</table>
| D13F-2Z-C1  |Rated voltage: 250VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA66-S250F6 (V1/ V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 24  
Module: No| ![Outline Drawing] | ![Wiring Diagram] |
| D13F-2Z-C2  |Rated voltage: 250VAC  
Rated current: 7A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 25  
Ejector clip: Various depending on relay type - see Page 25| ![Outline Drawing] | ![Wiring Diagram] |
| D13F-2Z-C3  |Rated voltage: 250VAC  
Rated current: 15A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - various, see Page 25  
Ejector clip: Various depending on relay type - see Page 25  
Module: see Pages 22-23| ![Outline Drawing] | ![Wiring Diagram] |
| D13F-2Z-C4  |Rated voltage: 250VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): JH-006RC see Page 24| ![Outline Drawing] | ![Wiring Diagram] |
| D13F-4Z-C1  |Rated voltage: 250VAC  
Rated current: 10A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): JH-006RC see Page 24| ![Outline Drawing] | ![Wiring Diagram] |

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
Performance parameters
Rated voltage: 300VAC
Rated current: 2 x 8A (UL 2 x 5A)
Insulation voltage: ≥ 3KV
Socket material: PA46-S250F6 (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 24

Ejector clip: Various depending on relay type - see Page 24

Module: see Pages 22-23

D14F Series
Industrial Relay Sockets

Parameters

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated voltage</th>
<th>Rated current</th>
<th>Insulation voltage</th>
<th>Socket material</th>
<th>Contacts spring material</th>
</tr>
</thead>
<tbody>
<tr>
<td>D14F-2Z-C3-N</td>
<td>300VAC</td>
<td>12A</td>
<td>≥ 3KV</td>
<td>PA46-S250F6</td>
<td>QSn6.5-0.1</td>
</tr>
<tr>
<td>D14F-1Z-157</td>
<td>300VAC</td>
<td>10A</td>
<td>≥ 3KV</td>
<td>PA46-S250F6</td>
<td>QSn6.5-0.1</td>
</tr>
<tr>
<td>D14F-1Z-A1</td>
<td>300VAC</td>
<td>10A</td>
<td>≥ 3KV</td>
<td>PA46-S250F6</td>
<td>QSn6.5-0.1</td>
</tr>
<tr>
<td>D14F-1Z-A2</td>
<td>300VAC</td>
<td>10A</td>
<td>≥ 3KV</td>
<td>PA46-S250F6</td>
<td>QSn6.5-0.1</td>
</tr>
</tbody>
</table>

See website for contact details: www.durakoolrelays.com
### Parameters

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated voltage:</th>
<th>Rated current:</th>
<th>Insulation voltage:</th>
<th>Socket material:</th>
<th>Contacts spring material:</th>
<th>Hold down spring (on request):</th>
<th>Ejector clip:</th>
<th>Module:</th>
</tr>
</thead>
<tbody>
<tr>
<td>D14F-1Z-C3-N</td>
<td>300VAC</td>
<td>10A</td>
<td>≥ 3KV</td>
<td>PA46-S250F6 (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Various, see Page 24</td>
<td>Various</td>
<td>Pages 22-23</td>
</tr>
<tr>
<td>D14F-1Z-C4</td>
<td>300VAC</td>
<td>10A</td>
<td>≥ 3KV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Various, see Page 24</td>
<td>Various</td>
<td>Page 21</td>
</tr>
<tr>
<td>D14F-1Z-C5</td>
<td>250VAC</td>
<td>10A</td>
<td>≥ 3KV</td>
<td>PA46-S250F6 (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Various, see Page 24</td>
<td>Various</td>
<td>Pages 22-23</td>
</tr>
<tr>
<td>D14F-1Z-D2RS</td>
<td>300VAC</td>
<td>12A</td>
<td>2500</td>
<td>PA46-S250F6 (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Included</td>
<td>Various</td>
<td>Pages 22-23</td>
</tr>
<tr>
<td>D14F-2Z-157</td>
<td>300VAC</td>
<td>2 x 8A (UL 2 x 5A)</td>
<td>≥ 3KV</td>
<td>PA46-S250F6 (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Various, see Page 24</td>
<td>Various</td>
<td>Page 21</td>
</tr>
<tr>
<td>D14F-2Z-A1</td>
<td>300VAC</td>
<td>2 x 5A (UL 2 x 5A)</td>
<td>≥ 3KV</td>
<td>PA46-S250F6 (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Various, see Page 24</td>
<td>Various</td>
<td>Pages 22-23</td>
</tr>
</tbody>
</table>

### Outline Drawing

![Outline Drawing](image)

### Wiring Diagram

![Wiring Diagram](image)

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
<table>
<thead>
<tr>
<th>Parameters</th>
<th>Outline Drawing</th>
<th>Wiring Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>D14F-2Z-A2</strong>&lt;br&gt; Rated voltage: 300VAC&lt;br&gt; Rated current: 2 x 8A (UL 2 x 5A)&lt;br&gt; Insulation voltage: ≥ 3kV&lt;br&gt; Socket material: PA66+GF (V1/V0)&lt;br&gt; Contacts spring material: QSn6.5-0.1&lt;br&gt; Hold down spring (on request): Steel wire - various, see Page 24</td>
<td><img src="image1.png" alt="Outline Drawing" /></td>
<td><img src="image2.png" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td><strong>D14F-2Z-C2</strong>&lt;br&gt; Rated voltage: 300VAC&lt;br&gt; Rated current: 2 x 8A (UL 2 x 5A)&lt;br&gt; Insulation voltage: ≥ 3kV&lt;br&gt; Socket material: PA66+GF (V1/V0)&lt;br&gt; Contacts spring material: QSn6.5-0.1&lt;br&gt; Hold down spring (on request): Steel wire - various, see Page 24&lt;br&gt; Ejector clip: various depending on relay type - see Page 24&lt;br&gt; Module: see Pages 22-23</td>
<td><img src="image3.png" alt="Outline Drawing" /></td>
<td><img src="image4.png" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td><strong>D14F-2Z-C3-N</strong>&lt;br&gt; Rated voltage: 300VAC&lt;br&gt; Rated current: 2 x 8A (UL 2 x 5A)&lt;br&gt; Insulation voltage: ≥ 3kV&lt;br&gt; Socket material: PA66+GF (V1/V0)&lt;br&gt; Contacts spring material: QSn6.5-0.1&lt;br&gt; Hold down spring (on request): Steel wire - various, see Page 24&lt;br&gt; Ejector clip: various depending on relay type - see Page 24&lt;br&gt; Module: see Pages 22-23</td>
<td><img src="image5.png" alt="Outline Drawing" /></td>
<td><img src="image6.png" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td><strong>D14F-2Z-C4</strong>&lt;br&gt; Rated voltage: 300VAC&lt;br&gt; Rated current: 2 x 8A (UL 2 x 5A)&lt;br&gt; Insulation voltage: ≥ 3kV&lt;br&gt; Socket material: PA66+GF (V1/V0)&lt;br&gt; Contacts spring material: QSn6.5-0.1&lt;br&gt; Hold down spring (on request): Steel wire - various, see Page 24&lt;br&gt; Ejector clip: various depending on relay type - see Page 24&lt;br&gt; Module: see Page 21</td>
<td><img src="image7.png" alt="Outline Drawing" /></td>
<td><img src="image8.png" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td><strong>D14F-2Z-C5</strong>&lt;br&gt; Rated voltage: 250VAC&lt;br&gt; Rated current: 2 x 8A (UL 2 x 5A)&lt;br&gt; Insulation voltage: ≥ 3kV&lt;br&gt; Socket material: PA66+GF (V1/V0)&lt;br&gt; Contacts spring material: QSn6.5-0.1&lt;br&gt; Hold down spring (on request): Steel wire - various, see Page 24&lt;br&gt; Ejector clip: various depending on relay type - see Page 24&lt;br&gt; Module: see Pages 22-23</td>
<td><img src="image9.png" alt="Outline Drawing" /></td>
<td><img src="image10.png" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td><strong>D14F-2Z-D2RS</strong>&lt;br&gt; Rated voltage: 250VAC&lt;br&gt; Rated current: 2 x 8A (UL 2 x 5A)&lt;br&gt; Insulation voltage: ≥ 3kV&lt;br&gt; Socket material: PA66+GF (V1/V0)&lt;br&gt; Contacts spring material: QSn6.5-0.1&lt;br&gt; Hold down spring (on request): Steel wire - various, see Page 24&lt;br&gt; Ejector clip: various depending on relay type - see Page 24&lt;br&gt; Module: see Pages 22-23</td>
<td><img src="image11.png" alt="Outline Drawing" /></td>
<td><img src="image12.png" alt="Wiring Diagram" /></td>
</tr>
</tbody>
</table>

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
Performance parameters
Rated voltage: 300VAC
Rated current: 10A
Insulation voltage: ≥ 3KV
Socket material: PA66+GF (V1/V0)
Contacts spring material: QSn6.5-0.1
Hold down spring (on request):
Steel wire - various, see Page 25
Ejector clip: Various, depending on relay type - see Page 25
Module: see Pages 22-23

D18F-2Z-C5

D18F Series
Industrial Relay Sockets

Parameters
Rated voltage: 250VAC
Rated current: 7A
Insulation voltage: ≥ 3KV
Socket material: PBT (V1/V0)
Contacts spring material: QSn6.5-0.1
Hold down spring (on request):
Steel wire - various, see Page 24

D18F-2Z-A1

D18F-2Z-A2

D18F-2Z-C1

D18F-2Z-C2

Rated voltage: 250VAC
Rated current: 7A
Insulation voltage: ≥ 3KV
Socket material: PA66-G (V1/V0)
Contacts spring material: QSn6.5-0.1
Hold down spring (on request):
Steel wire - various, see Page 24
Module: No

See website for contact details: www.durakoolrelays.com
<table>
<thead>
<tr>
<th>Parameters</th>
<th>Outline Drawing</th>
<th>Wiring Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>D18F-2Z-C3</strong></td>
<td><img src="image" alt="Outline Drawing" /> <img src="image" alt="Wiring Diagram" /></td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Rated voltage: 300VAC</td>
<td><strong>D18F-2Z-C4</strong></td>
<td><img src="image" alt="Outline Drawing" /> <img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Rated current: 10A</td>
<td>Rated voltage: 250VAC</td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Insulation voltage: ≥ 3KV</td>
<td>Rated current: 5A</td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Socket material: PA66+GF (V1/V0)</td>
<td>Insulation voltage: ≥ 3KV</td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Contacts spring material: QSn6.5-0.1</td>
<td>Socket material: PA66+GF (V1/V0)</td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Hold down spring (on request):</td>
<td>Contacts spring material: QSn6.5-0.1</td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Steel wire - various, see Page 25</td>
<td>Hold down spring (on request):</td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Ejector clip: Various, depending on relay type - see Page 25</td>
<td>Steel wire - various, see Page 25</td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>Module: see Page 21</td>
<td>Ejector clip: Various, depending on relay type - see Page 25</td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
</tbody>
</table>

**D18F Series**

Rated voltage: 250VAC
Rated current: 5A
Insulation voltage: ≥ 3KV
Socket material: PA66+GF (V1/V0)
Contacts spring material: QSn6.5-0.1
Hold down spring (on request): Steel wire - various, see Page 25
Ejector clip: Various, depending on relay type - see Page 25
Module: No

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
## Parameters

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated voltage: 300VAC</th>
<th>Rated current: 10A</th>
<th>Insulation voltage: ≥ 3KV</th>
<th>Socket material: PA66+GF (V1/V0)</th>
<th>Contacts spring material: QSn6.5-0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>D18F-2Z-C9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D18F-3Z-A1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D18F-3Z-A2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D18F-3Z-C1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D18F-3Z-C2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D18F-3Z-C4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Hold down spring (on request):** Steel wire - various, see Page 25
- **Ejector clip:** Various, depending on relay type - see Page 25
- **Module:** see Page 22-23

### Outline Drawing

#### D18F Series

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated voltage: 250VAC</th>
<th>Rated current: 7A</th>
<th>Insulation voltage: ≥ 3KV</th>
<th>Socket material: PBT (V1/V0)</th>
<th>Contacts spring material: QSn6.5-0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>D18F-3Z-C1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D18F-3Z-C2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Hold down spring (on request):** Steel wire - various, see Page 24
- **Module:** No

### Wiring Diagram

- **Rated voltage:** 250VAC
- **Rated current:** 7A
- **Insulation voltage:** ≥ 3KV
- **Socket material:** PA66+GF (V1/V0)
- **Contacts spring material:** QSn6.5-0.1

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
### Parameters

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated voltage</th>
<th>Rated current</th>
<th>Insulation voltage</th>
<th>Socket material</th>
<th>Contacts spring material</th>
<th>Hold down spring (on request)</th>
<th>Ejector clip</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>D18F-3Z-C5</td>
<td>300VAC</td>
<td>10A</td>
<td>≥ 3KV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire - various, see Page 25</td>
<td>Various, depending on relay type - see Page 25</td>
<td>see Pages 22-23</td>
</tr>
<tr>
<td>D18F-4Z-A</td>
<td>250VAC</td>
<td>7A</td>
<td>≥ 3KV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire - various, see Page 24</td>
<td>Various, depending on relay type - see Page 25</td>
<td>No</td>
</tr>
<tr>
<td>D18F-4Z-A1</td>
<td>250VAC</td>
<td>5A</td>
<td>≥ 3KV</td>
<td>PA46-S250F6 (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire - various, see Page 24</td>
<td>Various, depending on relay type - see Page 24</td>
<td>No</td>
</tr>
<tr>
<td>D18F-4Z-A2</td>
<td>250VAC</td>
<td>5A</td>
<td>≥ 3KV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire - various, see Page 24</td>
<td>Various, depending on relay type - see Page 24</td>
<td>No</td>
</tr>
<tr>
<td>D18F-4Z-B</td>
<td>250VAC</td>
<td>7A</td>
<td>≥ 3KV</td>
<td>PA46-S250F6 (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire - various, see Page 24</td>
<td>Various, depending on relay type - see Page 24</td>
<td>No</td>
</tr>
</tbody>
</table>

### Diagram

**Note:** See the website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
### Parameters

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Voltage</th>
<th>Rated Current</th>
<th>Insulation Voltage</th>
<th>Socket Material</th>
<th>Contacts Spring Material</th>
<th>Hold Down Spring</th>
<th>Ejector Clip</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>D18F-4Z-C2-N</td>
<td>250VAC</td>
<td>7A</td>
<td>≥ 3kV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire</td>
<td>Various</td>
<td>No</td>
</tr>
<tr>
<td>D18F-4Z-C3</td>
<td>250VAC</td>
<td>7A</td>
<td>≥ 3kV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire</td>
<td>Various</td>
<td>Page 21</td>
</tr>
<tr>
<td>D18F-4Z-C4</td>
<td>250VAC</td>
<td>7A</td>
<td>≥ 3kV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire</td>
<td>Various</td>
<td>Pages 22-23</td>
</tr>
<tr>
<td>D18F-4Z-C5</td>
<td>250VAC</td>
<td>7A</td>
<td>≥ 3kV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire</td>
<td>Various</td>
<td>Pages 22-23</td>
</tr>
<tr>
<td>D18F-4Z-C6</td>
<td>250VAC</td>
<td>5A</td>
<td>≥ 3kV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire</td>
<td>Various</td>
<td>No</td>
</tr>
<tr>
<td>D18F-4Z-C7</td>
<td>250VAC</td>
<td>5A</td>
<td>≥ 3kV</td>
<td>PA66+GF (V1/V0)</td>
<td>QSn6.5-0.1</td>
<td>Steel wire</td>
<td>Various</td>
<td>No</td>
</tr>
</tbody>
</table>

### Outline Drawing

![D18F-4Z-C2-N Outline Drawing](image1)

![D18F-4Z-C3 Outline Drawing](image2)

![D18F-4Z-C4 Outline Drawing](image3)

![D18F-4Z-C5 Outline Drawing](image4)

![D18F-4Z-C6 Outline Drawing](image5)

![D18F-4Z-C7 Outline Drawing](image6)

### Wiring Diagram

![D18F-4Z-C2-N Wiring Diagram](image7)

![D18F-4Z-C3 Wiring Diagram](image8)

![D18F-4Z-C4 Wiring Diagram](image9)

![D18F-4Z-C5 Wiring Diagram](image10)

![D18F-4Z-C6 Wiring Diagram](image11)

![D18F-4Z-C7 Wiring Diagram](image12)

---

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
## D18F Series
### Industrial Relay Sockets

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Outline Drawing</th>
<th>Wiring Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>D18F-4Z-C8</td>
<td><img src="image" alt="Outline Drawing" /></td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
<tr>
<td>D18F-4Z-C9</td>
<td><img src="image" alt="Outline Drawing" /></td>
<td><img src="image" alt="Wiring Diagram" /></td>
</tr>
</tbody>
</table>

**D18F-4Z-C8**
- Rated voltage: 300VAC
- Rated current: 10A
- Insulation voltage: ≥ 3kV
- Socket material: PA66+GF (V1/V0)
- Contacts spring material: QSn6.5-0.1
- Hold down spring (on request): Steel wire - various, see Page 25
- Ejector clip: Various, depending on relay type - see Page 25
- Module: see Pages 22-23

**D18F-4Z-C9**
- Rated voltage: 300VAC
- Rated current: 10A
- Insulation voltage: ≥ 3kV
- Socket material: PA66+GF (V1/V0)
- Contacts spring material: QSn6.5-0.1
- Hold down spring (on request): Steel wire - various, see Page 25
- Ejector clip: Various, depending on relay type - see Page 25
- Module: see Pages 22-23

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
### Industrial Relay Sockets

#### D41F-1Z-C2 - *

- **Green LED Diode** indicates operate status of relay
- **Movable ejector**: Easy replacement of relay

#### D41F-1Z-C4 - *

- **PCB Socket with retaining & ejector clip**

#### D41F-Z-A

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)

### Parameters

<table>
<thead>
<tr>
<th>Socket Type</th>
<th>Parameters</th>
</tr>
</thead>
</table>
| **Screw Terminal Socket** | Rated voltage: 250V  
|                    | Rated current: 6A  
|                    | Insulation voltage: ≥6KV (1.2/50uS)  
|                    | between coil & contacts  
|                    | Socket material: PA6-301-G10A  
|                    | Contacts spring material: QSn6.5-0.1 (CuSn6)  
|                    | Protection category: IP20  
|                    | Ambient temperature: -40 to +70°C (Un ≤60V),  
|                    | -40 to +55°C (Un ≥60V)  
|                    | Screw torque: 0.5Nm  
|                    | Wire strip length: 10mm  
|                    | Max. solid wire size:  
|                    | 1 x 2.5 / 2 x 1.5mm²  
|                    | 1 x 14 / 2 x 16 AWG  
|                    | Max. stranded wire size:  
|                    | 1 x 2.5 mm²  
|                    | 1 x 14 AWG  |

**Supply voltage order code:**  
- 24 VAC/VDC - 1  
- 48 VAC/VDC - 3  
- 220-240 VAC/VDC - 4  
- 6-24 VDC - 5

---

| **Screwless Terminal Socket** | Rated voltage: 250V  
|-----------------------------|-------------------------|
|                             | Rated current: 6A  
|                             | Insulation voltage: ≥6KV (1.2/50uS)  
|                             | between coil & contacts  
|                             | Socket material: PA6-301-G10A  
|                             | Contacts spring material: QSn6.5-0.1 (CuSn6)  
|                             | Protection category: IP20  
|                             | Ambient temperature: -40 to +70°C (Un ≤60V),  
|                             | -40 to +55°C (Un ≥60V)  
|                             | Screw torque: 0.5Nm  
|                             | Wire strip length: 10mm  
|                             | Max. solid wire size:  
|                             | 1 x 2.5 / 2 x 1.5mm²  
|                             | 1 x 14 / 2 x 16 AWG  

**Supply voltage order code:**  
- 24 VAC/VDC - 1  
- 48 VAC/VDC - 3  
- 220-240 VAC/VDC - 4  
- 6-24 VDC - 5

---

| **PCB Socket with retaining & ejector clip** | Rated voltage: 250V  
|---------------------------------------------|-------------------------|
|                                             | Rated current: 6A  
|                                             | Insulation voltage: ≥6KV (1.2/50uS)  
|                                             | between coil & contacts  
|                                             | Socket material: PA6-301-G10A  
|                                             | Contacts spring material: QSn6.5-0.1 (CuSn6)  
|                                             | Protection category: IP20  
|                                             | Ambient temperature: -40 to +70°C  

**Supply voltage order code:**  
- 24 VAC/VDC - 1  
- 48 VAC/VDC - 3  
- 220-240 VAC/VDC - 4  
- 6-24 VDC - 5

---

### Outline Drawing

![Outline Drawing](image)

### Wiring Diagram

![Wiring Diagram](image)
# Industrial Relay Sockets

<table>
<thead>
<tr>
<th>Model</th>
<th>Parameters</th>
<th>Outline Drawing</th>
<th>Wiring Diagram</th>
</tr>
</thead>
</table>
| D166F-2Z-C1 | Rated voltage: 300VAC  
Rated current: 20A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): JH-004RC, see Page 24  
Module: No | ![Outline Drawing](image1.png) | ![Wiring Diagram](image2.png) |
| D166F-3Z-C1 | Rated voltage: 250V  
Rated current: 30A  
Insulation voltage: 2kV & 4kV  
Socket material: PA66  
Contacts spring material: QSn6.5-0.1  
Finger protection cover (fitted as standard): DLRLF-C  
Module: No | ![Outline Drawing](image3.png) | ![Wiring Diagram](image4.png) |
| DLR7LF-06 | Rated voltage: 250V  
Rated current: 16A  
Insulation voltage: ≥ 3kV  
Socket material: PA66+GF (V1/V0)  
Contacts spring material: QSn6.5-0.1  
Hold down spring (on request): Steel wire - DMBA, see Page 24  
Module: No | ![Outline Drawing](image5.png) | ![Wiring Diagram](image6.png) |
| DUC11 | | | |

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
<table>
<thead>
<tr>
<th>Part No</th>
<th>Socket Types</th>
<th>Circuit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM21P-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Diode A1-</td>
</tr>
<tr>
<td>DM21N-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Diode A1+</td>
</tr>
<tr>
<td>DM31R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED with diode, 6 - 24VDC, A1-</td>
</tr>
<tr>
<td>DM31G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED with diode, 6 - 24VDC, A1-</td>
</tr>
<tr>
<td>DM32R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED with diode, 24 - 60VDC, A1-</td>
</tr>
<tr>
<td>DM32G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED with diode, 24 - 60VDC, A1-</td>
</tr>
<tr>
<td>DM33R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED with diode, 110 - 230VDC, A1-</td>
</tr>
<tr>
<td>DM33G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED with diode, 110 - 230VDC, A1-</td>
</tr>
<tr>
<td>DM41R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED with diode, 6 - 24VDC, A1+</td>
</tr>
<tr>
<td>DM41G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED with diode, 6 - 24VDC, A1+</td>
</tr>
<tr>
<td>DM42R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED with diode, 24 - 60VDC, A1+</td>
</tr>
<tr>
<td>DM42G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED with diode, 24 - 60VDC, A1+</td>
</tr>
<tr>
<td>DM51-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>RC Network, 6 to 24V</td>
</tr>
<tr>
<td>DM52-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>RC Network, 24V to 60V</td>
</tr>
<tr>
<td>DM53-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>RC Network, 110 to 230V</td>
</tr>
<tr>
<td>DM61R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED, 6 - 24VAC/DC</td>
</tr>
<tr>
<td>DM61G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED, 6 - 24VAC/DC</td>
</tr>
<tr>
<td>DM62R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED, 24 - 60VAC/DC</td>
</tr>
<tr>
<td>DM62G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED, 24 - 60VAC/DC</td>
</tr>
<tr>
<td>DM63R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED, 110 - 230VAC/DC</td>
</tr>
<tr>
<td>DM71-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Varistor 24VAC</td>
</tr>
<tr>
<td>DM72-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Varistor 115VAC</td>
</tr>
<tr>
<td>DM73-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Varistor 230VAC</td>
</tr>
<tr>
<td>DM91R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED with varistor, 6 - 24VAC/DC</td>
</tr>
<tr>
<td>DM91G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED with varistor, 6 - 24VAC/DC</td>
</tr>
<tr>
<td>DM92R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED with varistor, 24 - 60VAC/DC</td>
</tr>
<tr>
<td>DM92G-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Green LED with varistor, 24 - 60VAC/DC</td>
</tr>
<tr>
<td>DM93R-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Red LED with varistor, 110 - 230VAC/DC</td>
</tr>
<tr>
<td>DM103-A</td>
<td>D14F Series -C4, D18F Series -C3</td>
<td>![Circuit Diagram]</td>
<td>Resistor 110 - 230VAC</td>
</tr>
</tbody>
</table>

See website for contact details: www.durakoolrelays.com
## Modules for Durakool Sockets - Round Pin Plug-in

Notes:
Durakool modules for sockets have a round LED and square shoulders.

<table>
<thead>
<tr>
<th>Part No</th>
<th>Socket Types</th>
<th>Circuit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM21P-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Diode A1-</td>
</tr>
<tr>
<td>DM21N-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Diode A1+</td>
</tr>
<tr>
<td>DM31R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Red LED with diode, 6 - 24VDC, A1-</td>
</tr>
<tr>
<td>DM31G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Green LED with diode, 6 - 24VDC, A1-</td>
</tr>
<tr>
<td>DM32R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Red LED with diode, 24 - 60VDC, A1-</td>
</tr>
<tr>
<td>DM32G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Green LED with diode, 24 - 60VDC, A1-</td>
</tr>
<tr>
<td>DM33R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Red LED with diode, 110 - 230VDC, A1-</td>
</tr>
<tr>
<td>DM33G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Green LED with diode, 110 - 230VDC, A1-</td>
</tr>
<tr>
<td>DM41R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Red LED with diode, 6 - 24VDC, A1+</td>
</tr>
<tr>
<td>DM41G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Green LED with diode, 6 - 24VDC, A1+</td>
</tr>
<tr>
<td>DM42R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Red LED with diode, 24 - 60VDC, A1+</td>
</tr>
<tr>
<td>DM42G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Green LED with diode, 24 - 60VDC, A1+</td>
</tr>
<tr>
<td>DM43R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Red LED with diode, 110 - 230VDC, A1+</td>
</tr>
<tr>
<td>DM43G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>Green LED with diode, 110 - 230VDC, A1+</td>
</tr>
<tr>
<td>DM51-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td></td>
<td>RC Network, 6 to 24V</td>
</tr>
</tbody>
</table>

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
<table>
<thead>
<tr>
<th>Part No</th>
<th>Socket Types</th>
<th>Circuit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM52-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>RC Network, 24V to 60V</td>
</tr>
<tr>
<td>DM53-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>RC Network, 110 to 230V</td>
</tr>
<tr>
<td>DM61R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Red LED, 6 - 24VAC/DC</td>
</tr>
<tr>
<td>DM61G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Green LED, 6 - 24VAC/DC</td>
</tr>
<tr>
<td>DM62R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Red LED, 24 - 60VAC/DC</td>
</tr>
<tr>
<td>DM62G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Green LED, 24 - 60VAC/DC</td>
</tr>
<tr>
<td>DM63R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Red LED, 110 - 230VAC/DC</td>
</tr>
<tr>
<td>DM63G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Green LED, 110 - 230VAC/DC</td>
</tr>
<tr>
<td>DM71-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Varistor 24VAC</td>
</tr>
<tr>
<td>DM72-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Varistor 115VAC</td>
</tr>
<tr>
<td>DM73-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Varistor 230VAC</td>
</tr>
<tr>
<td>DM91R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Red LED with varistor, 6 - 24VAC/DC</td>
</tr>
<tr>
<td>DM91G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Green LED with varistor, 6 - 24VAC/DC</td>
</tr>
<tr>
<td>DM92R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Red LED with varistor, 24 - 60VAC/DC</td>
</tr>
<tr>
<td>DM92G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Green LED with varistor, 24 - 60VAC/DC</td>
</tr>
<tr>
<td>DM93R-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Red LED with varistor, 110 - 230VAC/DC</td>
</tr>
<tr>
<td>DM93G-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Green LED with varistor, 110 - 230VAC/DC</td>
</tr>
<tr>
<td>DM103-BK</td>
<td>D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9</td>
<td><img src="https://example.com/circuit" alt="Image" /></td>
<td>Resistor 110 - 230VAC</td>
</tr>
</tbody>
</table>

See website for contact details: www.durakoolrelays.com
<table>
<thead>
<tr>
<th>Model</th>
<th>Matching Socket(s)</th>
<th>Relay height</th>
<th>Relay Type</th>
<th>Matching Socket(s)</th>
<th>Relay height</th>
<th>Relay Type</th>
<th>Matching Socket(s)</th>
<th>Relay height</th>
</tr>
</thead>
<tbody>
<tr>
<td>JH-001RC</td>
<td>D14F-*Z-A1/A2</td>
<td>15mm</td>
<td>DM84, DM85, DM87</td>
<td>D10F-*Z-C1/C2</td>
<td>50mm</td>
<td>DUC, DX15A</td>
<td>D18F-*Z-A1/A2</td>
<td>34-36mm</td>
</tr>
<tr>
<td>JH-004RC</td>
<td>D14F-*Z-A1/A2</td>
<td>15mm</td>
<td>DM84, DM85, DM87N</td>
<td>D166F-*Z-C1</td>
<td>50mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-006RC</td>
<td>D14F-*Z-C2/C3/C4/C5</td>
<td>15mm</td>
<td>DM84, DM85, DX85, DX87N</td>
<td>D14F-*Z-C1/C2</td>
<td>34-36mm</td>
<td>DY2, DYN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-15MS-A</td>
<td>D14F-<em>Z-A</em></td>
<td>15mm</td>
<td>DM84, DM85, DM87</td>
<td>D14F-*Z-A1/A2</td>
<td>15mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-15MS-B</td>
<td>D14F-*Z-A1/A2</td>
<td>20mm</td>
<td>DM44</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-15PS-M</td>
<td>D14F-*Z-A1/A2</td>
<td>20mm</td>
<td>DM44</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-15PS</td>
<td>D14F-*Z-C1/C2</td>
<td>25mm (Bent)</td>
<td>DM41, DM42</td>
<td>D14F-*Z-C1/C2</td>
<td>25mm (Bent)</td>
<td>DM41, DM42</td>
<td>D14F-*Z-C1/C2</td>
<td>25mm (Bent)</td>
</tr>
<tr>
<td>JH-20PS-M</td>
<td>D14F-*Z-C2/C3/C4/C5</td>
<td>25mm (Straight)</td>
<td>DM41, DM42, DM43</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-20PS</td>
<td>D14F-<em>Z-C</em></td>
<td>25mm (Bent)</td>
<td>DM41, DM42, DM43</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-25MS-A</td>
<td>D14F-*Z-C5</td>
<td>25mm</td>
<td>DM41, DM42, DM43</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-25MS-C</td>
<td>D14F-<em>Z-A</em></td>
<td>25mm</td>
<td>DM41, DM42, DM43</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-25PS-A</td>
<td>D14F-*Z-C5</td>
<td>25mm</td>
<td>DM41, DM42, DM43</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-25PS-B</td>
<td>D14F-*Z-C5</td>
<td>25mm</td>
<td>DM41, DM42, DM43</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JH-25PS-M</td>
<td>D14F-<em>Z-A</em></td>
<td>25mm</td>
<td>DM41, DM42, DM43</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
## Retaining Springs and Ejector Clips for Durakool Sockets

(Bent springs are easier to apply and are the preferred clips)

<table>
<thead>
<tr>
<th>JH-29MS</th>
<th>JH-29PS</th>
<th>JH-30MS</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td>JH-36MS-A</td>
<td>JH-36MS-B</td>
<td>JH-36PS-A</td>
</tr>
<tr>
<td><img src="image4.png" alt="Image" /></td>
<td><img src="image5.png" alt="Image" /></td>
<td><img src="image6.png" alt="Image" /></td>
</tr>
<tr>
<td>JH-36PS-B</td>
<td>JH-56MS</td>
<td>JH-62MS</td>
</tr>
<tr>
<td><img src="image7.png" alt="Image" /></td>
<td><img src="image8.png" alt="Image" /></td>
<td><img src="image9.png" alt="Image" /></td>
</tr>
<tr>
<td>JH-63MS</td>
<td>JH-505RC</td>
<td></td>
</tr>
<tr>
<td><img src="image10.png" alt="Image" /></td>
<td><img src="image11.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>Matching Socket(s): D10F-*Z-C3/C4/C5  Relay height: 63mm (Straight)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
## Accessories

### Industrial Relay Sockets

#### Separator for Durakool Relay Sockets

<table>
<thead>
<tr>
<th>Image</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Separator Image" /></td>
<td>Used with D41F relay sockets</td>
<td>Width: 35.7 mm, Height: 92.7 mm</td>
</tr>
</tbody>
</table>

**D41F-S**

#### Tabs for Durakool Relay Sockets

<table>
<thead>
<tr>
<th>Image</th>
<th>Description</th>
<th>For</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2.png" alt="Tab Image" /></td>
<td>For 41F Durakool Relay Sockets</td>
<td>D41F-M</td>
<td>Width: 26.2 mm, Height: 4.2 mm, Depth: 9.4 mm</td>
</tr>
<tr>
<td><img src="image3.png" alt="Tab Image" /></td>
<td>For 14F &amp; D18F-CF Durakool Relay Sockets</td>
<td>JH14F-T1</td>
<td>Width: 35.7 mm, Height: 92.7 mm</td>
</tr>
<tr>
<td><img src="image4.png" alt="Tab Image" /></td>
<td>For D18F-C6, &amp; C7 Durakool Relay Sockets</td>
<td>JH18F-T1</td>
<td>Width: 35.7 mm, Height: 92.7 mm</td>
</tr>
<tr>
<td><img src="image5.png" alt="Tab Image" /></td>
<td>For D18F-C3, C4 &amp; C5 Durakool Relay Sockets</td>
<td>JH18F-T2</td>
<td>Width: 35.7 mm, Height: 92.7 mm</td>
</tr>
</tbody>
</table>

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)
<table>
<thead>
<tr>
<th>Terminal Strips for Durakool Relay Sockets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Jumper link contact bridge with 2 pins for 14F relay sockets</strong></td>
</tr>
<tr>
<td>D14F - JP</td>
</tr>
<tr>
<td><strong>Push fit jumper link contact bridge with 20 pins for 41F relay sockets</strong></td>
</tr>
<tr>
<td>D41F-J-Black</td>
</tr>
<tr>
<td><strong>Red Jumper link contact bridge with 5 pins for insert into the normal rising clamp screw terminals D14F relay sockets</strong></td>
</tr>
<tr>
<td>DZG05-1</td>
</tr>
<tr>
<td><strong>Red Jumper link contact bridge with 8 pins for insert into the normal rising clamp screw terminals D14F relay sockets</strong></td>
</tr>
<tr>
<td>DZG08-1</td>
</tr>
</tbody>
</table>

See website for contact details: [www.durakoolrelays.com](http://www.durakoolrelays.com)