SERIES D1
DISCONNECT
SWITCHES
25 Amp / 600 VOLT
also 16 Amp 600 VOLT

SERIES D1
MULTI-
APPLICATION
SWITCHES

• Machine Disconnect
• Motor Switch
• Bypass Switch
• Step Switch
• Reversing Switch
• Two Speed Switch
• Ammeter Switch
• Voltmeter Switch
To 8 Pole, 8 Positions

ELEKTRA DISCONNECTS
MACHINE SAFETY DISCONNECT OPTION

FEATURING
• HANDLE-SHAFT SELF-ALIGNING SYSTEM
• IP65 DUSTTIGHT / WATERTIGHT
METAL / NON-METAL ENCLOSURES
• STEEL SHAFT
• HORSEPOWER RATED

ELEKTRA CONTROLS
SERIES D1 SWITCHES

(The Multi Application Switch)

SERIES D1 DISCONNECTS
(ON-OFF)

25 Amp 600 VOLT

- Padlockable
  - Lockout
  - Tagout
  - Page 232

- Safety Door
  - Interlocks
  - Auto Alignment
  - Page 232

- Direct Drives
  - Page 232

- Front Mount Disconnects
  - Enclosed Dust / Water Tight

- Non-Auto Alignment

- Fusible Open

- Fusible Enclosed
  - Page 233

SERIES D1 SWITCHES

- Reversing Switch
  - Page 234

- STEP SWITCH
  - Page 235

- BYPASS
  - Page 236

- Meter
  - Page 207

- Special Switches
  - Page 237

- Also Available: Disconnects
  - Series D2 through 7 to 250 Amp
  - Series D8, 9 to 630 Amp

- SPRING RETURN
  - Page 237

- KEY OPERATED
  - Page 234

- CAM SWITCHES to 630 AMP
  - UP TO 12 POLES, 12 POSITIONS

- Built To Customer Specs
  - See page 209

Electrical and Electronic Controls Inc. 3881 Danbury Rd. Brewster, NY 10509
(845) 278-5777 FAX (845) 278-5444 E-mail address: info@eecontrols.com
In Canada EE Controls, Ltd. 17 Stewart Court Orangeville, Ontario, Canada L9W3Z9
(519) 941-6845 FAX (519) 940-0514
**ENVIRONMENT RATINGS**

“IP” Rating. Protection against ingress of dust and liquids.

**OPERATOR HANDLES / ENCLOSURES IP65**

<table>
<thead>
<tr>
<th>1st Digit</th>
<th>2nd Digit</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>5</td>
</tr>
</tbody>
</table>

Complete protection against dust.

Protected against water sprayed from a hose from all directions.

(See IP standard for exact specifications)

NEMA/IP65

IP65 is for Industrial and Outdoor Applications and is capable of hose test water tightness.

IP65 is used internationally for similar applications as Type 4, or 4X for non-corrosive design areas.

---

**ELECTRICAL RATINGS**

**SWITCH SIZE D1**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated interrupted current iu switch</td>
<td>A</td>
</tr>
<tr>
<td>Approvals Canada, USA, UL</td>
<td>600 VAC max., 3 phase</td>
</tr>
<tr>
<td>General Use</td>
<td>IEC/UL/CSA</td>
</tr>
<tr>
<td>Motor 1 phase</td>
<td>120V 1 hp</td>
</tr>
<tr>
<td>Motor 3 phase</td>
<td>240V 2 hp</td>
</tr>
<tr>
<td></td>
<td>480V 7.5 hp</td>
</tr>
<tr>
<td></td>
<td>600V 7.5 hp</td>
</tr>
<tr>
<td>Pilot Duty-Auxiliary switch UL/CSA</td>
<td>A600</td>
</tr>
</tbody>
</table>

**INTERNATIONAL RATINGS CE**

IEC 204, IEC 947-3, EN60204, EN 60947, VDE 0113

- Rated insulating voltage III/3 EN 60 947 Ul V | 600   |
- Rated impulse voltage rigidity III/3 EN 60 947 kV | 6    |
- Connectable cross section mm³ | 1-4  |
- AWG 14-10  |
- Short-circuit protection fusible cut-out (gL) A max. | 35   |
- Switching capacity AC-21A/B Load break switches

- Rated operating 25 Amp VAC 690  |
- AC-23 A/B Motor Switches 380/440V 7.5KW

---

**DISCONNECT SAFETY STANDARDS & REQUIREMENTS**

**NFPA (Also per ANSI and NEC)**

- 13.2 Emergency stop devices
- 13.2.3 Actuators of emergency stop devices shall be colored RED.
  As far as a background exists behind the device actuator, it shall be colored YELLOW.

**OSHA LOCKOUT-TAGOUT**

While the OSHA Lock Out-Tag Out requirement is commonly understood, color is also specified. 1910.144 Safety color code for marking physical hazards.

- (iii) Electrical switches which letters or other markings appear, used for emergency stopping of machinery shall be RED.

**INTERNATIONAL SPECIFICATIONS.**

**IEC 204, IEC947-3 IEC...EN, EUROPEAN NORM. EN 60 204 PART 1 EN 60 947**

The VDE specifications 0113 part 1 apply to the electrical equipment of machines. They comply largely with the IEC publication 204. This standard includes the German version of the European standard EN 60 204 part 1: 1992.

- **Emergency-off switch**
  - Emergency-off mechanisms must be provided for each work station, where an emergency-off might be required. They must engage automatically and be easy to reach.
  - The contacts of hand-operated emergency-off mechanisms shall disconnect simultaneously.
  - The operating elements shall be RED. The area behind the handles shall be colored YELLOW.

- **Main switch = Emergency-off switch**
  - For some machines which do not require emergency-off mechanisms the main switch may function as an emergency-off mechanism.
  - In this case and for such disconnecting mechanisms the colors of the operating elements have to be the same as for the emergency-off mechanisms.

**Main Switch**

Each power supply must be provided with a hand-operated main switch. This main switch must disconnect the machine from the power supply (e.g. for machine maintenance).

- It shall be designed as a switch-disconnector according to EN 60 947-3 to satisfy the exigencies of utilization category AC-23B.
- It shall be hand-operated and may have only one “off” and one “on” position.
- It shall have a visible isolation section or indication of switching position which can indicate the “off” position only if spacings according to EN 60 947-3 have been obtained between all contacts.
- If the main switch will not be used simultaneously as emergency-off switch, its handle shall NOT be red. For the main switch black or grey handles are recommended.
- It shall be lockable in the “off” position (e.g. by using padlocks).
- The handle of the main switch shall be easy to reach and located between 0.6 and 1.9m above the access level.
- The breaking ability must be sufficient to break at the same time the current of the largest motor of the machine at stall and the sum of the currents of all other motors and/or load circuits.
Above are T8 Enclosures. For compact T24 Enclosure, add suffix -T24. Deduct -$10 List is for industrial and outdoor applications. Each of the above D1 enclosures is rated IP65 dust tight / water tight / hose test. IP65 is for industrial and outdoor applications and is capable of hose test water tightness. IP65 is used internationally for similar applications as the NEMA 4 or 4X, when non-corrosive design is required.

Above are T8 Enclosures. For compact T24 Enclosure, add suffix -T24. Deduct -$10 List

**ENCRYERS.** Each of the above D1 enclosures is rated IP65 dust tight / water tight / hose test. IP65 is for industrial and outdoor applications and is capable of hose test water tightness. IP65 is used internationally for similar applications as the NEMA 4 or 4X, when non-corrosive design is required.

<table>
<thead>
<tr>
<th>Number Poles</th>
<th>AMP</th>
<th>NON FUSED ON-OFF</th>
<th>List Price</th>
<th>NON FUSED ON-OFF</th>
<th>List Price</th>
<th>NON FUSED ON-OFF</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>25</td>
<td>E D1-2BE-S4-*</td>
<td>$92.00</td>
<td>E D1-2D-4X-*</td>
<td>$166.00</td>
<td>E D1-2D-M65-*</td>
<td>$123.00</td>
</tr>
<tr>
<td>3</td>
<td>25</td>
<td>E D1-3BE-S4-*</td>
<td>$105.00</td>
<td>E D1-3D-4X-*</td>
<td>$180.00</td>
<td>E D1-3D-M65-*</td>
<td>$136.00</td>
</tr>
<tr>
<td>4</td>
<td>25</td>
<td>E D1-4BE-S4-*</td>
<td>$109.00</td>
<td>E D1-4D-4X-*</td>
<td>$184.00</td>
<td>E D1-4D-M65-*</td>
<td>$140.00</td>
</tr>
<tr>
<td>5</td>
<td>25</td>
<td>E D1-5BE-S4-*</td>
<td>$122.00</td>
<td>E D1-5D-4X-*</td>
<td>$196.00</td>
<td>E D1-5D-M65-*</td>
<td>$153.00</td>
</tr>
<tr>
<td>6</td>
<td>25</td>
<td>E D1-6BE-S4-*</td>
<td>$149.00</td>
<td>E D1-6D-4X-*</td>
<td>$207.00</td>
<td>E D1-6D-M65-*</td>
<td>$163.00</td>
</tr>
</tbody>
</table>

**Series D1 Switches**

**Reversing**

25 Amp 1 Phase / 3 Phase

(Maintained)

- **Wiring**: Standard circuit is 3 phase. For Single Phase Reversing, add one jumper per EEC Diagram. For factory supplied 1 Phase unit, change catalog number **3W** to **1W**. No price change.

<table>
<thead>
<tr>
<th>Catalog Number (**)</th>
<th>Open -SO</th>
<th>Enclosed -S4</th>
<th>Enclosed -M65</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED1-3W 1FM-*</td>
<td>$77</td>
<td>$108</td>
<td>$134</td>
</tr>
<tr>
<td>ED1-3W 1BM-*</td>
<td>$80</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

(**) Marking on above is “FOR OFF REV”. Front Mount, FM or Base Mount, BM.

For other standard Name Plate marking, see **Legend Plate Marking** on Dimension Page.

- Above S4 Enclosure is T25 (see dimension page). For larger T8 Enclosure, add suffix -T8, plus $8.00 list.

**Two Speed Motor Switches**

**Two Speed: Constant or Variable Torque**

3 Phase

<table>
<thead>
<tr>
<th>Max Horsepower</th>
<th>Catalog No.</th>
<th>Single Winding (1-0-2)</th>
<th>Two Winding (0-1-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>230V 460V</td>
<td></td>
<td>Open Front Panel Mount List</td>
<td>S4 Enclosed List</td>
</tr>
<tr>
<td>3</td>
<td>7.5</td>
<td>ED1-4PT 1FM-* -SO</td>
<td>$116 $147 - - -</td>
</tr>
<tr>
<td>3</td>
<td>7.5</td>
<td>ED1-3PT 1FM-* - - -</td>
<td>$93 $124 - - -</td>
</tr>
</tbody>
</table>

**Two Speed: Constant Horsepower**

3 Phase

<table>
<thead>
<tr>
<th>Max Horsepower</th>
<th>Catalog No.</th>
<th>Single Winding (1-0-2)</th>
<th>Two Winding (0-1-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>230V 460V</td>
<td></td>
<td>Open Front Panel Mount List</td>
<td>S4 Enclosed List</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>ED1-4PH 1FM-* -SO</td>
<td>$116 $147 - - -</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>ED1-3PH 1FM-* - - -</td>
<td>$93 $124 - - -</td>
</tr>
</tbody>
</table>

Standard marking on above (1-0-2) is “LOW-OFF-HIGH”

Standard marking on above (0-1-2) is “OFF-LOW-HIGH”

For **Metal Enclosure**, IP65, add suffix -**M65**, to above part #’s, plus $23.00 list.

**Key Operated On-Off 25 Amp**

<table>
<thead>
<tr>
<th>No. Poles</th>
<th>Catalog Number</th>
<th>Open -SO</th>
<th>Enclosed -S4</th>
<th>Enclosed -M65</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ED1-1ZE 1FM-*</td>
<td>$101</td>
<td>$146</td>
<td>$177</td>
</tr>
<tr>
<td>2</td>
<td>ED1-2ZE 1FM-*</td>
<td>$105</td>
<td>$150</td>
<td>$181</td>
</tr>
<tr>
<td>3</td>
<td>ED1-3ZE 1FM-*</td>
<td>$119</td>
<td>$163</td>
<td>$194</td>
</tr>
<tr>
<td>4</td>
<td>EDT-4ZE 1FM-*</td>
<td>$123</td>
<td>$167</td>
<td>$198</td>
</tr>
</tbody>
</table>

Note: Open type units are 2 or 4 screw mount as standard.
SERIES D1 SWITCHES

STEP SWITCH with “OFF” position
OPEN TYPE  FRONT PANEL MOUNT  25 Amp

<table>
<thead>
<tr>
<th>No. Steps</th>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ED1-1SO 1 FM-SO</td>
<td>$43.00</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>ED1-2SO 1 FM-SO</td>
<td>$47.00</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>ED1-3SO 1 FM-SO</td>
<td>$61.00</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>ED1-4SO 1 FM-SO</td>
<td>$65.00</td>
<td>2</td>
</tr>
</tbody>
</table>

STEP SWITCH without “OFF” position
OPEN TYPE  FRONT PANEL MOUNT

<table>
<thead>
<tr>
<th>No. Steps</th>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>ED1-2S 1 FM-SO</td>
<td>$47.00</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>ED1-3S 1 FM-SO</td>
<td>$61.00</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>ED1-4S 1 FM-SO</td>
<td>$65.00</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>ED1-5S 1 FM-SO</td>
<td>$77.00</td>
<td>3</td>
</tr>
<tr>
<td>6</td>
<td>ED1-6S 1 FM-SO</td>
<td>$81.00</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE: Above units are 2 or 4 screw mount as standard.

NOTE: For Single hole mount
To order single hole mount: replace “FM” with “SH”. Add $7 List.

METER SWITCHES  25 Amp
OPEN TYPE  FRONT PANEL MOUNT

VOLTMETER 3 PHASE
Line to Line

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED1-2V 1 FM-SO</td>
<td>$65.00</td>
<td>2</td>
</tr>
</tbody>
</table>

VOLTMETER 3 PHASE
Line to Line - plus line to neutral

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED1-3V 1 FM-SO</td>
<td>$108.00</td>
<td>4</td>
</tr>
</tbody>
</table>

AMMETER 3 PHASE

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED1-1MA 1 FM-SO</td>
<td>$88.00</td>
<td>3</td>
</tr>
</tbody>
</table>

For other Meter Switch Circuits, see Catalog V2N.
For S4 boxes, add $31.00 to the open type.
### BYPASS SWITCH with “OFF” Position
(Change-over switch)  
**Front Mount**

<table>
<thead>
<tr>
<th>No. Poles</th>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ED1-1U 1 FM-SO</td>
<td>$59.00</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>ED1-2U 1 FM-SO</td>
<td>$72.00</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>ED1-3U 1 FM-SO</td>
<td>$85.00</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>ED1-4U 1 FM-SO</td>
<td>$107.00</td>
<td>4</td>
</tr>
</tbody>
</table>

### BYPASS SWITCH with “OFF” Position
(Change-over switch)  
**Base Mount**

<table>
<thead>
<tr>
<th>No. Poles</th>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ED1-1U 1 BM-SO</td>
<td>$64.00</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>ED1-2U 1 BM-SO</td>
<td>$77.00</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>ED1-3U 1 BM-SO</td>
<td>$90.00</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>ED1-4U 1 BM-SO</td>
<td>$112.00</td>
<td>4</td>
</tr>
</tbody>
</table>

Above units are marked “1 0 2”  
To supply above units with “Hand Off Auto” Legend Plate, Add -K to the end of the part number at no additional cost.  
Ex: ED1-3U 1BM-SO-K

### DISCONNECTS
25 Amp 600 Volt

### BYPASS SWITCH without “OFF” Position
(Change-over switch)  
**Front Mount**  
Open Type

<table>
<thead>
<tr>
<th>No. Poles</th>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>ED1-2UD 1 FM-SO</td>
<td>$72.00</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>ED1-3UD 1 FM-SO</td>
<td>$85.00</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>ED1-4UD 1 FM-SO</td>
<td>$107.00</td>
<td>4</td>
</tr>
</tbody>
</table>

### BYPASS SWITCH without “OFF” Position
(Change-over switch)  
**Base Mount**  
Open Type

<table>
<thead>
<tr>
<th>No. Poles</th>
<th>Catalog No.</th>
<th>List Each</th>
<th>No. Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>ED1-2UD 1 BM-SO</td>
<td>$77.00</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>ED1-3UD 1 BM-SO</td>
<td>$90.00</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>ED1-4UD 1 BM-SO</td>
<td>$112.00</td>
<td>4</td>
</tr>
</tbody>
</table>

Base Mount units are suitable for DIN RAIL or screw mount.  
*See page 239 for other available for other engravings.*
**Switch Operators**

<table>
<thead>
<tr>
<th>Operators Only</th>
<th>List</th>
</tr>
</thead>
<tbody>
<tr>
<td>E B-S1</td>
<td>$10.00</td>
</tr>
<tr>
<td>E BE-RG-*</td>
<td>$20.00</td>
</tr>
<tr>
<td>E BE-SI-*</td>
<td>$20.00</td>
</tr>
<tr>
<td>E D-RG-*</td>
<td>$23.00</td>
</tr>
<tr>
<td>E D-SS-*</td>
<td>$23.00</td>
</tr>
<tr>
<td>E BY-1-RG-*</td>
<td>$45.00</td>
</tr>
<tr>
<td>E BY-1-SS-*</td>
<td>$45.00</td>
</tr>
</tbody>
</table>

*Select Switch Size:
- Switch Size  *
- D1, D2, D3  S1
- D4, D5  S2
- S3

**Color Code**
- RG  Red-Yellow
- B, SI, SS  Black-Silver

**P/N Example:**
- E BE-RG-S1  Operator for Type D Switch

---

**ELEKTRA PART NUMBERING SYSTEM**

- **Handle Type:**
  - RG  Black Operator Handle
  - SS  Black “D” Handle
  - SI  Silver Black NP with “B” Knob

- **Mount Type:**
  - SD  Safety Door Interlock
  - FM  Front Mount
  - BM  Base Mount
  - SH  Single Hole Mount

- **Name Plate Face Size:** 1-3

- **No. Poles:** 1-6

- **Circuit Type:**
  - W  Reversing
  - U  Bypass
  - S  Step Switch

- **Type Operator:**
  - “D” Suitable for 3 padlocks
  - “BE” Suitable for 1 padlock
  - “B” Black Knob
### DIMENSIONS for D1 Mounting (Open Type)

**Approx. Dimensions in mm (inches)**

<table>
<thead>
<tr>
<th>#Chambers</th>
<th>L</th>
<th>Front View</th>
<th>Face plate</th>
<th>Panel drilling</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>36 (1.4&quot;)</td>
<td><img src="image1" alt="Switch insert" /></td>
<td><img src="image2" alt="Face plate" /></td>
<td><img src="image3" alt="Panel drilling" /></td>
</tr>
<tr>
<td>2</td>
<td>47 (1.9&quot;)</td>
<td><img src="image4" alt="Switch insert" /></td>
<td><img src="image5" alt="Face plate" /></td>
<td><img src="image6" alt="Panel drilling" /></td>
</tr>
<tr>
<td>3</td>
<td>59 (2.3&quot;)</td>
<td><img src="image7" alt="Switch insert" /></td>
<td><img src="image8" alt="Face plate" /></td>
<td><img src="image9" alt="Panel drilling" /></td>
</tr>
<tr>
<td>4</td>
<td>71 (2.8&quot;)</td>
<td><img src="image10" alt="Switch insert" /></td>
<td><img src="image11" alt="Face plate" /></td>
<td><img src="image12" alt="Panel drilling" /></td>
</tr>
</tbody>
</table>

2 Contacts per chamber

X max (0.16") 4mm

Two M4 screws are supplied with Front Mount units to mount into inbedded nuts.

### OTHER MOUNTING OPTIONS

- **FRONT MOUNT**
  - Universal mounting is standard. The D1 front mount includes drilling pattern for 4 optional drillings, a, b, c, and d.

- **SINGLE HOLE MOUNTING**
  - ![Switch insert](image13) | ![Front View](image14) | ![Face plate](image15) | ![Panel drilling](image16)

- **D1 BASE MOUNT**
  - ![Front View](image17) | ![Panel drilling](image18)

*Option for 8" deep enclosure, SD8, T=8*

---

**DIMENSIONS, SERIES D1 (OPEN)**

**ELEKTRA CONTROLS**

**DISCONNECTS 25 AMP**

238
SERIES D1 DIMENSIONS, Appro. (Enclosed Type)

### Enclosure/Type

<table>
<thead>
<tr>
<th>Enclosure/Type</th>
<th>Max Poles</th>
<th>B</th>
<th>L</th>
<th>HI</th>
<th>A</th>
<th>H</th>
<th>E</th>
<th>F</th>
<th>D</th>
<th>G</th>
<th>GI</th>
</tr>
</thead>
<tbody>
<tr>
<td>G32 (Metal)</td>
<td>6 poles max</td>
<td>911mm</td>
<td>3.58”</td>
<td>97mm</td>
<td>3.82”</td>
<td>72mm</td>
<td>2.83”</td>
<td>43mm</td>
<td>1.69”</td>
<td>79mm</td>
<td>3.11”</td>
</tr>
<tr>
<td>T24 (Non-Metal)</td>
<td>6 poles max</td>
<td>82mm</td>
<td>3.22”</td>
<td>82mm</td>
<td>3.22”</td>
<td>67mm</td>
<td>2.63”</td>
<td>34mm</td>
<td>1.33”</td>
<td>68mm</td>
<td>2.67”</td>
</tr>
<tr>
<td>Standard Compact</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T25 (Non-Metal)</td>
<td>8 poles max</td>
<td>82mm</td>
<td>3.22”</td>
<td>82mm</td>
<td>3.22”</td>
<td>93mm</td>
<td>3.66”</td>
<td>34mm</td>
<td>1.33”</td>
<td>68mm</td>
<td>2.67”</td>
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<tr>
<td>Standard</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T8/1 (Non-Metal)</td>
<td>6 poles max</td>
<td>911mm</td>
<td>3.58”</td>
<td>121mm</td>
<td>4.75”</td>
<td>75mm</td>
<td>2.94”</td>
<td>34mm</td>
<td>1.33”</td>
<td>76mm</td>
<td>2.98”</td>
</tr>
</tbody>
</table>

Each D1 chamber section contains 2 poles. *PG16 accepts 7/8” cord grip

**NOTE:** Plastic Enclosures supplied with 3 plugs and 1 conduit adapter, threaded.

**Metal Enclosures supplied with 2 plugs and 2 open non-threaded holes.**

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**LEGEND PLATE TYPE SI MARKING**

**Identification Suffix**

- OFF ON -N
- HAND OFF AUTO -K
- FOR OFF REV -I
- UP OFF DOWN -J
- MANUAL AUTO -L
- HIGH OFF LOW -P

Check with factory for additional standard markings.

**Special Marking Legend add: $6.80 List**

---

**PLATE SI**

**NAME PLATE MARKING**

**FACE SIZE**

- **DIMENSIONS**
  - 1 1 7/8”x1 7/8” (48mm)
  - 2 2 1/2”x2 1/2” (65mm)
  - 3 2 7/8”x2 7/8” (72mm)

---

**Disconnect Inscription Plate**

<table>
<thead>
<tr>
<th>Catalog#</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>48 x 16mm (1.9’x0.6”)</td>
<td>$7</td>
</tr>
<tr>
<td>65 x 16mm (2.5’x0.8”)</td>
<td>$8</td>
</tr>
</tbody>
</table>

**Main Switch**

- Brush Silver with black letters -S1 - $7
- Yellow with black letters -Y1 - $7
- Black with white letters -B1 - $7

**List Price**

- **-S1** $7
- **-S2** $8
- **-Y1** $7
- **-Y2** $8
- **-B1** $7
- **-B2** $8

**MAIN SWITCH**

Standard marking add suffix: Main switch (-MS) or Emergency Off (-EO)

For special marking add $6 List

Example: #ED-NP-S1

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239
SERIES D1 SWITCHES

OPEN TYPE “B” KNOB
FRONT PANEL MOUNT
ALL IP65 OPERATORS
DUST TIGHT
HOSE TEST WATER TIGHT

DESIGN: LOAD MAKE - LOAD BREAK (POSITIVE BREAK)
Extra contact force on each pole insures reliable continuity on
every operation. Full 25 Amp rating insures contact fidelity.
STEEL SHAFT STANDARD

UNIVERSAL MOUNTING
Flexible mounting options:
Include 2 screws or single hole, 22m (7/8")/30mm

Type B Knob
(Silver Plate S1 shown can
be engraved to suit)

Type BE Operator
(Locks OFF one padlock,
3 padlock off also available).

Universal Mounting
Matches most
all designs
(see dimension page)

SERIES D1
IDEAL AS:
♦ Reversing Switch
♦ Two Speed Switch

Type B Knob
Type BE Operator

Suffix - S4
Nonmetal
ENCLOSED

Suffix - M65
Metal
ENCLOSED

OTHER COMPACT DISCONNECTS
See catalog ET...Series D2 through D7
for higher current ratings through 250
Amp, 600 Volt, 100hp.

TYPE D7 (250Amp)