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
(INDEX)

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

Base Mount
Page 232

Fusible Open
Page 235

Non-Auto Alignment

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

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

UV TRIP
Series F and S
with UV Trip
(Under Voltage Trip)

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
SERIES D1 RATINGS
SAFETY REQUIREMENTS

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

<table>
<thead>
<tr>
<th>SWITCH SIZE D1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated interrupted current iu switch</td>
</tr>
<tr>
<td>Approvals Canada, USA, UL</td>
</tr>
<tr>
<td>General Use</td>
</tr>
<tr>
<td>Motor 1 phase</td>
</tr>
<tr>
<td>120V</td>
</tr>
<tr>
<td>240V</td>
</tr>
<tr>
<td>480V</td>
</tr>
<tr>
<td>Pilot Duty-Auxiliary switch UL/CSA</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 V UI up to 600 V

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.

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.

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.
### EMERGENCY DISCONNECTS

**TYPE D1 25 AMP ENCLOSED**

**NON FUSIBLE TYPE**  
**ON-OFF**

---

**ENCLOSURES.** 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 METAL IP65 S4</th>
<th>List Price</th>
<th>NON METAL NEMA 4X</th>
<th>List Price</th>
<th>METAL IP65</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>

---

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

---

**“NEW PRODUCTS”**

**Padlockable Fusible ENCLOSED TYPE**

---

**DISCONNECTS 25 AMP**

---

**OPERATOR HANDLE**

*SUFFIX:
- Add - RG for Red-Yellow operator Handle.
- Add - SS for Black handle "D" type only.
- Add - SI for Black-Silver operator “BE” handle.

---

**Discount Schedule ET**

---

**Notes to Enclosed Type Fusible Disconnects.**

Above enclosed units are Standard “D” operators. Red / Yellow. If Black desired, replace RG with SS.

For “Finger Safe” Designs add suffix - FS (Add $24 List)

For additional Accessories Contact Factory.
REVERSING (Maintained) 25 Amp 1 Phase / 3 Phase

**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.

<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>

**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.

### 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</td>
<td>List</td>
</tr>
<tr>
<td>3 7.5</td>
<td>ED1-4PT 1FM-</td>
<td>-SO</td>
<td>$116</td>
</tr>
<tr>
<td>3 7.5</td>
<td>ED1-3PT 1FM-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<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</td>
<td>List</td>
</tr>
<tr>
<td>2 5</td>
<td>ED1-4PH 1FM-</td>
<td>-SO</td>
<td>$116</td>
</tr>
<tr>
<td>2 5</td>
<td>ED1-3PH 1FM-</td>
<td>-</td>
<td>-</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</td>
<td>List</td>
</tr>
<tr>
<td>2 5</td>
<td>ED1-4PH 1FM-</td>
<td>-SO</td>
<td>$116</td>
</tr>
<tr>
<td>2 5</td>
<td>ED1-3PH 1FM-</td>
<td>-</td>
<td>-</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>ED1-4ZE 1FM-*</td>
<td>$123</td>
<td>$167</td>
<td>$198</td>
</tr>
</tbody>
</table>
**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>2</td>
</tr>
<tr>
<td>3</td>
<td>ED1-3S 1 FM-SO</td>
<td>$61.00</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>ED1-4S 1 FM-SO</td>
<td>$65.00</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>ED1-5S 1 FM-SO</td>
<td>$77.00</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>ED1-6S 1 FM-SO</td>
<td>$81.00</td>
<td>4</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

**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>E D1-2V 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>E D1-3V 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>E D1-1MA 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.

Discount Schedule ET
SERIES D1 SWITCHES

25 Amp 600 Volt

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

1 to 4 poles

<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**

1 to 4 poles

<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

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

Open Type

2 to 4 poles

<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

2 to 4 poles

<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.*
ELEKTRA PART NUMBERING SYSTEM

An Elektra Product
Type and Size Switch (D1-25 Amp)
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

Handle Type:
RG-Red 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

Operators Only  List
E B-S1*  $10.00
E BE-RG-* $20.00
E BE-SI-* $20.00
E D-RG-* $23.00
E D-SS-* $23.00
E BY-1-RG-* $45.00
E BY-1-SS-* $45.00

Type BY (Includes Misalign feature module & stem)

* 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-SI
Operator for Type D Switch

Discount Schedule ET
# DIMENSIONS for D1 Mounting (Open Type)

## Approx. Dimensions in mm (inches)

### FRONT MOUNT

<table>
<thead>
<tr>
<th>#Chambers</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>36 (1.4&quot;)</td>
</tr>
<tr>
<td>2</td>
<td>47 (1.9&quot;)</td>
</tr>
<tr>
<td>3</td>
<td>59 (2.3&quot;)</td>
</tr>
<tr>
<td>4</td>
<td>71 (2.8&quot;)</td>
</tr>
</tbody>
</table>

2 Contacts per chamber

Switch insert

Front View

Face plate

Panel drilling

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

<table>
<thead>
<tr>
<th>#Chambers</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>51 (2.0&quot;)</td>
</tr>
<tr>
<td>2</td>
<td>63 (2.5&quot;)</td>
</tr>
<tr>
<td>3</td>
<td>74 (2.9&quot;)</td>
</tr>
<tr>
<td>4</td>
<td>86 (3.4&quot;)</td>
</tr>
</tbody>
</table>

Switch insert

Front View

Face plate

Panel drilling

X max (0.16") 4mm

### D1 BASE MOUNT

WITH (SD) SAFETY DOOR INTERLOCK

Front View

Panel drilling

doors

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

---

238
### DISCONNECTS 25 AMP

#### SERIES D1 DIMENSIONS, Appro. (Enclosed Type)

<table>
<thead>
<tr>
<th>Enclosure/Type</th>
<th>Max Poles</th>
<th>B (mm)</th>
<th>L (mm)</th>
<th>HI (mm)</th>
<th>A (mm)</th>
<th>H (mm)</th>
<th>E (mm)</th>
<th>F (mm)</th>
<th>D (mm)</th>
<th>G (mm)</th>
<th>GI (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G32 (Metal)</td>
<td>6 poles max</td>
<td>91mm 3.58&quot;</td>
<td>72mm 2.83&quot;</td>
<td>43mm 1.69&quot;</td>
<td>26mm 1.02&quot;</td>
<td>79mm 3.11&quot;</td>
<td>83mm 3.27&quot;</td>
<td>5.5mm 0.22&quot;</td>
<td>2x23mm 1.3&quot; opening</td>
<td>2x23mm 1.3&quot; opening</td>
<td></td>
</tr>
<tr>
<td>T24 (Non-Metal) Standard Compact</td>
<td>6 poles max</td>
<td>82mm 3.22&quot;</td>
<td>67mm 2.63&quot;</td>
<td>34mm 1.33&quot;</td>
<td>68mm 2.67&quot;</td>
<td>68mm 2.67&quot;</td>
<td>4.5mm 0.17&quot;</td>
<td>2xPG16 *</td>
<td>2xPG16 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T25 (Non-Metal) Standard</td>
<td>8 poles max</td>
<td>82mm 3.22&quot;</td>
<td>93mm 3.66&quot;</td>
<td>34mm 1.33&quot;</td>
<td>68mm 2.67&quot;</td>
<td>68mm 2.67&quot;</td>
<td>4.5mm 0.17&quot;</td>
<td>2xPG16 *</td>
<td>2xPG16 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T8/1 (Non-Metal)</td>
<td>6 poles max</td>
<td>91mm 3.58&quot;</td>
<td>121mm 4.75&quot;</td>
<td>72mm 2.83&quot;</td>
<td>34mm 1.33&quot;</td>
<td>76mm 2.98&quot;</td>
<td>106mm 4.16&quot;</td>
<td>4.5mm 0.17&quot;</td>
<td>2xPG16 *</td>
<td>2xPG16 *</td>
<td></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.

### LEGEND PLATE TYPE SI MARKING

#### Standard markings

**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

**Silver with Engraved Black Letters**

<table>
<thead>
<tr>
<th>FACE SIZE</th>
<th>DIMENSIONS</th>
<th>LIST PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1 7/8&quot;x1 7/8&quot; (48mm)</td>
<td>-S1 $7 -S2 $8</td>
</tr>
<tr>
<td>2</td>
<td>2 1/2&quot;x2 1/2&quot; (65mm)</td>
<td>-Y1 $7 -Y2 $8</td>
</tr>
<tr>
<td>3</td>
<td>2 7/8&quot;x2 7/8&quot; (72mm)</td>
<td>-B1 $7 -B2 $8</td>
</tr>
</tbody>
</table>

---

### Disconnect Inscription Plate

Fits above Type BE, BY, D, SI Operator/Plates

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

<table>
<thead>
<tr>
<th>Main Switch</th>
<th>Brush Silver with black letters</th>
<th>ED-NP- -S1 $7 -S2 $8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Switch</td>
<td>Yellow with black letters</td>
<td>ED-NP- -Y1 $7 -Y2 $8</td>
</tr>
<tr>
<td>Main Switch</td>
<td>Black with white letters</td>
<td>ED-NP- -B1 $7 -B2 $8</td>
</tr>
</tbody>
</table>

**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 SI shown can be engraved to suit)

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

Suffix - S4
Nonmetal ENCLOSED

Suffix - M65
Metal ENCLOSED

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

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

TYPE D7 (250Amp)