CONTROL SWITCHES

"L" SERIES

DISCONNECT SWITCHES

Control Switches International, Inc.
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The CSII "L" Type Disconnect switches comply with the latest worldwide specifications for low voltage devices.

Outstanding electrical characteristics with their compact design provide space saving-installation and convenient operational procedures.

The "L" switch utilizes UL approved polyamide glass-filled materials which have excellent insulation values even under severe environmental conditions.

The special contact design and cable connections make it extremely reliable and will withstand high short circuit currents.

<table>
<thead>
<tr>
<th>RatedOperational Voltage</th>
<th>Value</th>
<th>L16</th>
<th>L20</th>
<th>L25</th>
<th>L32</th>
<th>L40</th>
<th>L63</th>
<th>L80</th>
<th>L100</th>
<th>L125</th>
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<tr>
<td>IEC/EN/VDE Volts V</td>
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### SWITCHING PROGRAMMES

#### L16, L20, L25, L32, L40, L63

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<th>3 Pole</th>
<th>3 Pole + 1 Main Module</th>
<th>4 Pole + 1 Main Module</th>
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#### L80, L100, L125

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<th>6 Pole</th>
<th>8 Pole</th>
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#### L25, L32, L40, L63, L80, L100, L125

<table>
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<th>4 Pole + 1 Non Switchable Neutral Module</th>
<th>4 Pole + 1 Non Switchable Neutral Module</th>
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<tr>
<td>359</td>
<td>459</td>
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</table>
16A-20A

- Front mounting
- Degree of protection: Front IP55
- 4 hole, front panel mounting
- Switch with padlockable flag knob
- Max. 1 padlock
- Shackle size min. 2mm, max. 6mm
- Available color options:
  - SB = Silver legend/black handle
  - BB = Black legend/black handle
  - YR = Yellow legend/red handle

25A-63A

- Front panel mounting
- Degree of protection: Front IP55
- 4 hole front panel mounting
- FIFTH POLE CAN BE FITTED ON THE OTHER SIDE OF THE SWITCH
- Available color options:
  - SB = Silver legend/black handle
  - BB = Black legend/black handle
  - YR = Yellow legend/red handle

All dimensions in mm.
Available color Options
SB = Silver legend/black handle
BB = Black legend/black handle
YR = Yellow legend/red handle

All dimensions in mm.
FRONT MOUNTING

25A-63A

- 4 hole front panel mounting, sq. 36mm.
- Degree of protection: Front IP 65.
- Fifth pole can be fitted on the other side of the switch.
- Max 3 padlocks.

80A-125A

- Switch with round padlocking device to prevent the Switch from being switched ON by unauthorised personnel.
- Max 3 padlocks.

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

All dimensions in mm.
Available color Options
SB = Silver legend/black handle
BB = Black legend/black handle
YR = Yellow legend/red handle

Notes:

All dimensions in mm.
REAR MOUNTING

25A-63A

80A-125A

16A-20A

2 hole rear mounting.
Alternately snap mounting on DIN EN50022 rail (35mm).
Degree of protection:
Front IP50.

Available color Options
SB = Silver legend/black handle
BB = Black legend/black handle
YR = Yellow legend/red handle

-23

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-23

2 hole rear mounting or snap mounting on DIN EN50022 rail (35mm) and operable from the front (door) - coupled with door mechanism.

Door interlock (Door openable only in OFF position.)

Degree of protection:
Front IP55.

Maintenance Handle offered for switching ON, when panel is open, for testing purpose. For sketch of Maintenance Handle, please refer diagram on page 8.

Available color Options
SB = Silver legend/black handle
BB = Black legend/black handle
YR = Yellow legend/red handle

All dimensions in mm.
2 hole rear mounting or snap mounting on DIN EN50022 rail (35mm) and operable from the front (door) coupled with door mechanism.

Door interlock (door openable only in OFF position).

Degree of protection: Front IP65.

Rigid metal shaft/switch assembly.

Switch with round padlocking device to prevent the Switch from being made ON by unauthorised persons.

Max. 3 padlocks as under.
16A-20A: Max. 1 padlock
25A-63A: Max. 2 padlocks
80A-125A: Max. 3 padlocks

Maintenance Handle offered for switching ON, when panel is open, for testing purpose.

Adjustable mounting by cutting the metal shaft to appropriate length, to suit panel height.

Specific Length of shaft can be offered on request.

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

Notes:
Switch mounted in ABS / polycarbonate (optional) enclosure.
- Round padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
- Knob version available on request.
- Switch rear mounted for easy connection.

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

Degree of protection : IP65.
- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Enclosure colour : Dark grey base and light grey cover.
- Fourth pole can be added.

Switch mounted in ABS enclosure, optional in polycarbonate.
- Sleek design with more wiring space.
- Single screw fitment of cover for easy mounting.
- Round padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

Degree of protection : IP65.
- Switch rear mounted for easy connection.
- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Enclosure colour : Dark grey base and light grey cover, as standard.
- Fourth and Fifth pole can be added.
**PLASTIC ENCLOSURE MOUNTING**

### -31SMT

- Switch mounted in ABS / polycarbonate (optional) enclosure.
- Sleek taper design with more wiring space.
- Single screw fitment of cover for easy mounting.
- Padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
- Degree of protection : IP65.
- Switch rear mounted for easy connection.
- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Interlock provided to open the lid only in OFF position.
- Enclosure colour : Dark grey base and yellow cover.

### 16A-20A

- Available color Options
  - BB = Black legend/black handle
  - YR = Yellow legend/red handle

### 25A-40A

- Available color Options
  - BB = Black legend/black handle
  - YR = Yellow legend/red handle

### -31SMX

- Switch mounted in ABS enclosure, optional in polycarbonate.
- Sleek design with more wiring space.
- Two ABS screws for easy cover fitment.
- Round padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
- Degree of protection : IP65.
- Switch rear mounted for easy connection.
- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Enclosure colour : Dark grey base and light grey cover.
- Fourth and Fifth pole can be added.

---

All dimensions in mm.
PLASTIC ENCLOSURE MOUNTING

-31M

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

Switch mounted in ABS enclosure, optional in polycarbonate.
Round padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
Degree of protection: IP65.

-31L

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

Switch mounted in ABS/polycarbonate (optional) enclosure.
Padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
Degree of protection: IP65.

40A-63A

Switch rear mounted for easy connection.
RED/YELLOW-handle colour for MAIN/EMERGENCY Switches.
Enclosure colour: Dark grey base and light grey cover.
Fourth and Fifth pole can be added.

80A-125A

Switch rear mounted for easy connection.
RED/YELLOW-handle colour for MAIN/EMERGENCY Switches.
Interlock provided to open the lid only in OFF position.
Enclosure colour: Grey.
Fourth and fifth pole can be added.

Notes:

All dimensions in mm.
**METAL ENCLOSURE MOUNTING**

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**-A31S**

- Switch mounted in aluminium enclosure.

**Available color Options**
- BB = Black legend/black handle
- YR = Yellow legend/red handle

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**-A31M**

- Switch mounted in aluminium enclosure.

**Available color Options**
- BB = Black legend/black handle
- YR = Yellow legend/red handle

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**-S31S**

- Switch mounted in Steel enclosure.

**Available color Options**
- BB = Black legend/black handle
- YR = Yellow legend/red handle

---

**Upto 25A**

- Round padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
- Degree of protection : IP53.

- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Enclosure colour : Dark grey base and light grey cover.

---

**32A-63A**

- Round padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
- Degree of protection : IP53.

- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Enclosure colour : Dark grey base and light grey cover.
- Fourth pole can be added.

---

**METAL ENCLOSURE MOUNTING**

- Switch mounted in aluminium enclosure.

---

**Upto 25A**

- Knob version available on request.
- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Enclosure colour : Dark grey base and light grey cover.
**METAL ENCLOSURE MOUNTING**

- **31M**
  - Available color Options
    - BB = Black legend/black handle
    - YR = Yellow legend/red handle

- **80A-125A**
  - Available color Options
    - BB = Black legend/black handle
    - YR = Yellow legend/red handle

### 32A - 63A
- Switch mounted in Steel enclosure.
- Round padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
- Degree of protection: IP53.
- Knob version available on request.
- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Enclosure colour: Dark grey base and light grey cover.
- Fourth pole can be added.

### 80A-125A
- Switch mounted in Steel enclosure.
- Round padlocking device (max. 3 padlocks) to prevent the Switch from being made to ON by unauthorised personnel.
- Degree of protection: IP53.
- Knob version available on request.
- RED / YELLOW-handle colour for MAIN / EMERGENCY Switches.
- Enclosure colour: Dark grey base and light grey cover.
- Fourth pole can be added.

**Notes:**

All dimensions in mm.
ACCESSORIES

ADD ON MAIN POLE
(16A-63A)

- Equivalent switch electrical rating
- Used as 4th/5th pole on either side of the switch

<table>
<thead>
<tr>
<th>For Switch Code</th>
<th>Code for Front Mounting Switch</th>
<th>Code for Rear Mounting Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>L16</td>
<td>MC–20F</td>
<td>MC–20R</td>
</tr>
<tr>
<td>L20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Applications
For switching action of additional pole, when mounted with the switch. The additional pole on either side of the switch can be used to switch on any single phase requirements simultaneously.

ADD ON MAIN POLE
(80A-125A)

- Equivalent switch electrical rating.
- Used as 4th/5th pole on either side of the switch.

<table>
<thead>
<tr>
<th>For Switch Code</th>
<th>Code for Front Mounting Switch</th>
<th>Code for Rear Mounting Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>L80</td>
<td>MC–80F</td>
<td>MC–80R</td>
</tr>
<tr>
<td>L100</td>
<td>MC–100F</td>
<td>MC–100R</td>
</tr>
<tr>
<td>L125</td>
<td>MC–125F</td>
<td>MC–125R</td>
</tr>
</tbody>
</table>

ADD ON NEUTRAL POLE
(16A-63A)

- Early make late break contact.
- Can be fitted on either side of the switch.

<table>
<thead>
<tr>
<th>For Switch Code</th>
<th>Code for Front Mounting Switch</th>
<th>Code for Rear Mounting Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>L16</td>
<td>N–F–O</td>
<td>N–R–O</td>
</tr>
<tr>
<td>L20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Applications
To be used as Neutral Conductor to the switch.

All dimensions in mm.
ADD ON NON SWITCHABLE NEUTRAL POLE (16A-125A)

- Non Switchable Neutral offers economical solution
- Can be fitted on either side of the switch.

Applications
To be used as neutral conductor to the switch.

ADD ON NEUTRAL POLE (80A-125A)

- Early make late break contact.
  - Can be fitted on either side of the switch.

Applications
To be used as Neutral Conductor to the switch.
**ACCESSORIES**

## ADD ON AUXILIARY POLE

- 1 NO contact early break/late make + 1 NC contact.
- Can be fitted on either side of the Switch.

### Applications

Auxiliary contact module has two contacts, ‘NO and NC’. ‘NO’ contact is early break, late make contact. This is used to trigger

<table>
<thead>
<tr>
<th>For Switch Code</th>
<th>Code for Front Mounting Switch</th>
<th>Code for Rear Mounting Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>L16</td>
<td>AUX-F-O</td>
<td>AUX-R-O</td>
</tr>
<tr>
<td>L20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L25</td>
<td>AUX-F</td>
<td>AUX-R</td>
</tr>
<tr>
<td>L32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L63</td>
<td>AUX-F-2</td>
<td>AUX-R-2</td>
</tr>
<tr>
<td>L80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L125</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TERMINAL CROSS SECTION

- **Single/Multiple strand wire**
  - min. mm²: 1.0
  - max. mm²: 1.5
- **American Wire Gauge**
  - AWG: 16

### RATING

- **IEC / EN**
  - 16A, 500V
- **TERMINAL CROSS SECTION**
  - L16-L20
  - L25-L63
  - L80-L125

All dimensions in mm.

Notes:
## ACCESSORIES

### KNOBS & HANDLES

<table>
<thead>
<tr>
<th>CODE</th>
<th>TYPE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>TD</td>
<td>Tear Drop Knob</td>
<td>27</td>
<td>41</td>
<td>25</td>
<td>21</td>
</tr>
<tr>
<td>TD</td>
<td></td>
<td>36</td>
<td>52</td>
<td>31</td>
<td>25</td>
</tr>
<tr>
<td>FL</td>
<td>Flag Knob</td>
<td>27</td>
<td>39</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>FL</td>
<td></td>
<td>36</td>
<td>50</td>
<td>27</td>
<td>25</td>
</tr>
<tr>
<td>FP</td>
<td>Flag Knob Padlockable</td>
<td>27</td>
<td>39</td>
<td>24</td>
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</tr>
<tr>
<td>FP</td>
<td></td>
<td>36</td>
<td>50</td>
<td>27</td>
<td>25</td>
</tr>
<tr>
<td>PG</td>
<td>Pistol Grip Handle</td>
<td>27</td>
<td>39</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>PG</td>
<td></td>
<td>36</td>
<td>50</td>
<td>27</td>
<td>25</td>
</tr>
<tr>
<td>BG</td>
<td>Ball Grip Handle</td>
<td>27</td>
<td>39</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>BG</td>
<td></td>
<td>36</td>
<td>50</td>
<td>27</td>
<td>25</td>
</tr>
</tbody>
</table>

### LB SWITCHES: KNOB/HANDLE AND MOUNTING OPTIONS

<table>
<thead>
<tr>
<th>MOUNTING</th>
<th>L16</th>
<th>L20</th>
<th>L25</th>
<th>L32</th>
<th>L40</th>
<th>L63</th>
<th>L80</th>
<th>L100</th>
<th>L125</th>
</tr>
</thead>
<tbody>
<tr>
<td>−03</td>
<td>FL, TD</td>
<td>FL, TD</td>
<td>FL, TD</td>
<td>FL, TD</td>
<td>FL, TD</td>
<td>FL, TD</td>
<td>FL, TD</td>
<td>FL, TD</td>
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<tr>
<td>−19</td>
<td>FP, FL, TD</td>
<td>FP, FL, TD</td>
<td>FP, FL, TD</td>
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<td>−</td>
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<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>−</td>
</tr>
<tr>
<td>−33</td>
<td>−</td>
<td>−</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>−</td>
</tr>
<tr>
<td>−63</td>
<td>−</td>
<td>−</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
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<tr>
<td>−23</td>
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<td>−</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>TD, FL</td>
<td>−</td>
</tr>
<tr>
<td>−42</td>
<td>FL, FL</td>
<td>FL, FL</td>
<td>BG, PG</td>
<td>BG, PG</td>
<td>BG, PG</td>
<td>BG, PG</td>
<td>BG, PG</td>
<td>BG, PG</td>
<td>−</td>
</tr>
<tr>
<td>−A31S, −S31S</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>−</td>
</tr>
<tr>
<td>−31M, −31SMF, −31SMT, −31SMX</td>
<td>FP</td>
<td>FP</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>−</td>
</tr>
<tr>
<td>−31M, −A31M, −S31M</td>
<td>−</td>
<td>−</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>−</td>
</tr>
<tr>
<td>−31L</td>
<td>−</td>
<td>−</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>−</td>
</tr>
</tbody>
</table>

The knobs/handles highlighted in red are standard, others indicate possible options.

### L SWITCHES: KNOB/HANDLE, ENCLOSURE MOUNTING OPTIONS

<table>
<thead>
<tr>
<th>ENCLOSURE MOUNTING</th>
<th>−31M</th>
<th>−31L</th>
<th>−S31S</th>
<th>−S31M</th>
<th>−S31L</th>
<th>−A31S</th>
<th>−A31M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knob/Handle</td>
<td>RD, FP</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
</tr>
</tbody>
</table>

The knobs/handles highlighted in red are standard, others indicate possible options.

Please refer to us for other than above combinations.

All dimensions in mm.
**Features**

- 25A - 125A, 3 and 4 Pole, AC 23 duty.
- Available with and without SS enclosure.
- Different mounting options.
- Excellent switching performance.
- High short circuit capacity.
- Door interlock and padlock available.
- Provides adequate space for cable termination and very convenient for installation termination.

**25A-63A, Front Mounting**

- 4 hole front panel mounting.
- Degree of protection: Front IP55.

**25A-63A, Rear Mounting**

- 4 hole rear mounting.
- Degree of protection: Front IP55.

**Available color Options**

- SB = Silver legend/black handle
- BB = Black legend/black handle
- YR = Yellow legend/red handle

---

**80A-125A, Rear Mounting**

- Degree of protection: Front IP55.
25A-63A, Rear Mounting

- 2 hole rear mounting or snap mounting on DIN EN50022 rail (35mm) and operable from the front (door) coupled with door mechanism.
- Door interlock (door operable only in OFF position)
- Degree of protection: Front IP65.
- Rigid metal shaft/Switch assembly.

80A-125A, Rear Mounting

- Switch with round padlocking device to prevent the Switch from being made ON by unauthorised persons.
- Max. 3 padlocks.
- Adjustable mounting by cutting the metal shaft to appropriate length to suit panel height.
- Specific length of shaft can be offered on request.

Available color Options
- SB = Silver legend/black handle
- BB = Black legend/black handle
- YR = Yellow legend/red handle

All dimensions in mm.
ENCLOSURE CHANGEOVER SWITCHES

Features
- 25A - 125A, 4 Pole, AC 23 duty.
- Range available: 3 Pole Changeover - C03, 3 Pole + Neutral Pole Changeover - C04

- Powder coated steel enclosure with separate earthing or IP65, ABS enclosure having interlock to open the lead only in OFF position for safety.
- Colour: Yellow front plate and Red ball grip handle

- 25A-63A

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

Switch mounted in grey ABS/Polycarbonate optional enclosure with IP65 protection and interlock provided to open the lid in OFF position.

- 80A-125A

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

- Powder coated steel enclosure.
- Separate earthing provided.
- Colour: Yellow front plate and Red ball grip handle / grey front plate and Black ball grip handle.

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

- Powder coated steel enclosure.
- Interlock provided to remove cover only in 'OFF' position for safety.

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

- 25A - 125A, 4 Pole, AC 23 duty.
- Range available: 3 Pole Changeover - C03, 3 Pole + Neutral Pole Changeover - C04

- Powder coated steel enclosure with separate earthing or IP65, ABS enclosure having interlock to open the lead only in OFF position for safety.
- Colour: Yellow front plate and Red ball grip handle

- 25A-63A

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

Switch mounted in grey ABS/Polycarbonate optional enclosure with IP65 protection and interlock provided to open the lid in OFF position.

- 80A-125A

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle

- Powder coated steel enclosure.
- Separate earthing provided.
- Colour: Yellow front plate and Red ball grip handle / grey front plate and Black ball grip handle.

Available color Options
BB = Black legend/black handle
YR = Yellow legend/red handle
### Changeover Switches: Knob/Handle and Mounting Options

<table>
<thead>
<tr>
<th>Mounting</th>
<th>L25</th>
<th>L32</th>
<th>L40</th>
<th>L63</th>
<th>L80</th>
<th>L100</th>
<th>L125</th>
</tr>
</thead>
<tbody>
<tr>
<td>–13</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>–34</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
<td>RD</td>
</tr>
<tr>
<td>–42</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
</tr>
<tr>
<td>–21</td>
<td>BG</td>
<td>BG</td>
<td>BG</td>
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<td>BG</td>
<td>BG</td>
<td>BG</td>
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<tr>
<td>–S31</td>
<td>BG</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>PG</td>
<td>BG</td>
</tr>
<tr>
<td>–S31XL</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>BG</td>
<td>BG</td>
</tr>
<tr>
<td>–31L</td>
<td>RD</td>
<td>BG</td>
<td>RD</td>
<td>BG</td>
<td>RD</td>
<td>BG</td>
<td>PG</td>
</tr>
</tbody>
</table>

The knobs/handles highlighted in red are standard, others indicate possible options.

### Ordering Information

<table>
<thead>
<tr>
<th>Size</th>
<th># Poles</th>
<th>Aux.</th>
<th>Off Position</th>
<th>Mounting Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>L16</td>
<td>3 pole</td>
<td>0 = none</td>
<td>9 = 9:00</td>
<td>03SB03BB 03YR</td>
</tr>
<tr>
<td>L20</td>
<td>4 pole</td>
<td>1 = 1no 1nc</td>
<td>0 = 12:00</td>
<td>19SB 19BB 19YR</td>
</tr>
<tr>
<td>L25</td>
<td>5 pole</td>
<td>2 = 2no 2nc</td>
<td></td>
<td>40SR ---- 40YR</td>
</tr>
<tr>
<td>L32</td>
<td>6 pole</td>
<td>3 = 1 neutral</td>
<td></td>
<td>13SB 13BB 13YR</td>
</tr>
<tr>
<td>L40</td>
<td>7 pole</td>
<td>4 = 2 neutral</td>
<td></td>
<td>30SB 30BB 30YR</td>
</tr>
<tr>
<td>L63</td>
<td>8 pole</td>
<td>5 = 1 neutral</td>
<td></td>
<td>---- 33BB 33YR</td>
</tr>
<tr>
<td>L80</td>
<td></td>
<td>nonswitchable</td>
<td></td>
<td>---- 36BB 36YR</td>
</tr>
<tr>
<td>L100</td>
<td></td>
<td></td>
<td></td>
<td>23SB 23BB 23YR</td>
</tr>
<tr>
<td>L125</td>
<td></td>
<td></td>
<td></td>
<td>42SB 42BB 42YR</td>
</tr>
</tbody>
</table>

**Enclosed Units:**

- 31SMBB 31SMYR
- 31SMFBB 31SMFYR
- 31SMTBB 31SMTYR
- 31SMXBB 31SMXYYR
- 31MBB 31MYR
- 31LBB 31LYR
- A31SBB A31SYR
- A31MBB A31MYR
- S31SBB S31SYR
- S31MBB S31MYR
- S31LBB S31LYR

**Example:**

L16-309-03SB = 16 amp 3 pole 9:00 starting position panel mount with silver legend and black handle.

L100-410-33YR = 100 amp 4 pole + 1NO 1NC aux starting position 12:00 with a round padlock, yellow background, red handle.
Control Switches International leads the industry in supplying rotary cam switches and disconnect switches in the United States. Our innovative products deliver the highest level of quality, unsurpassed product support and service.

Need a custom switch? Control Switches supplies both custom and standard switches for your application.

Our unique Cam Switch Assembly Department empowers us to service all our customers’ special needs as they arise.

Our UL508 Value Added Department supplies you with wired and custom enclosed units for your requirements.

Contact Control Switches, the Switch Experts, for all your switch needs!

Features
- Double Break Contacts
- Compact & Reliable
- High Short Circuit Capacity
- Secure Terminal Connections
- Metal Shaft is Standard
- Shaft Drilled & Tapped
- Din Rail Option Standard
- Fingerproof Protection
- Plastic or Steel Enclosures
- Add-on Power Contacts
- Add-on Neutral
- Add-on Auxiliary Contacts
- Terminal Cover Provided
- Horsepower Rated
- OSHA Approved

Typical Applications
- Manual Motor Controller
- Multipole Disconnects
- Manual Transfer Switches
- Fused Disconnects
- Isolation of Electronics
- Start & Stop Motors
- Power Switching
- On Load Switching