

L-Series Sealed Rocker Switches



Making the right connections has never been easier — with the L-Series Rocker Switch from Carling Technologies. Not only does this innovative switch offer total design flexibility, it has set new standards for both performance and reliability. It's IP67 certified, and able to withstand temperatures from -40°C to +85°C. Features include countless switch and lamp circuit combinations, LED illuminated lenses or laser etched rockers, as well as hundreds of legend choices and several accessories.

Eliminates need for retooling

Neatly proportioned, our L-Series fits into industry standard mounting holes of 1.734" x .867" and 44.0mm x 22.0mm.

Integrates easily into your system

You can choose from a variety of termination options, including .250 TAB QC & .187 TAB QC.

Withstands extreme temperatures

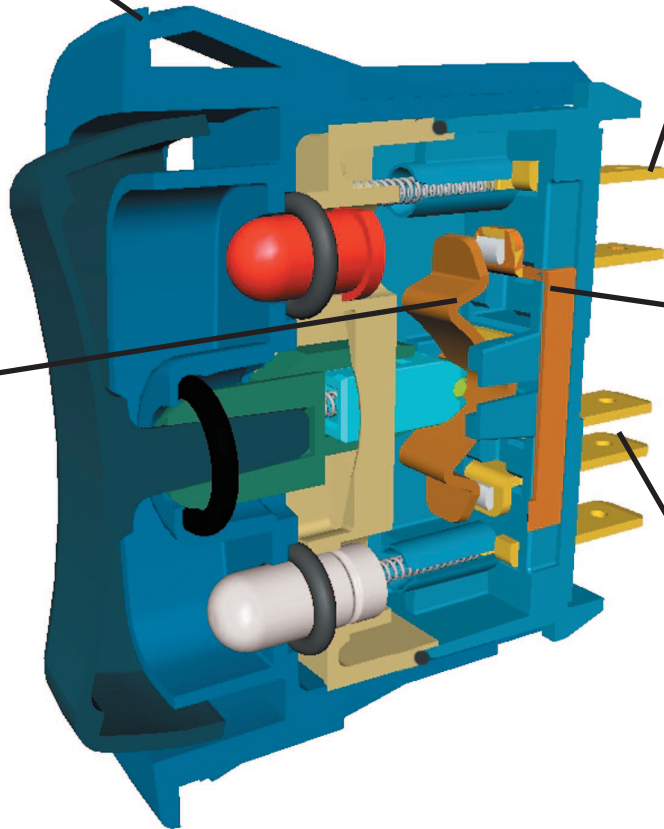
Roller pin mechanism eliminates need for lubricants, so it can withstand from -40°C to +85°C.

Ensures greater shock protection

Welded lamp connection and one-piece internal, jumperless terminal withstand extreme shock and vibration.

Maximizes your design flexibility

Twelve terminals offer you an extensive range of switch and lamp circuit options, including LED or incandescent illumination.



Electrical

| | |
|-------------------------------|---|
| Contact Rating | .4VA @ 24VDC (MAX) resistive 15 amps, 125 VAC 10 amps, 250 VAC 20 amps, 4-14 VDC 15 amps, 15-28 VDC |
| Dielectric Strength | 1250 Volts RMS between pole to pole 3750 Volts RMS between live parts and accessible surfaces |
| Insulation Resistance . . . | 50 Megohms |
| Initial Contact Resistance. | 10 milliohms max. @ 4 VDC |
| Life | 100,000 cycles maintained, 50,000 cycles momentary at rated voltage and current |
| Contacts | 90/10 silver-nickel, silver tin-oxide, gold |
| Terminals | Brass or copper/silver plate 3/16" (4.76mm) & 1/4" (6.3mm) Quick Connect terminations standard. |

Mechanical

Endurance 250,000 cycles minimum

Physical

| | |
|---------------------|--|
| Lighted | Incandescent - rated 10,000 hours LED - rated 100,000 hours 1/2 life (LED is internally ballasted for volt-ages to 24 VDC) |
| Seals | Rocker, base & bracket are sealed. |
| Base | Polyester blend rated to 85°C with a flammability rating of 94VO. |
| Actuator | Nylon 66 Reinforced, rated to 105°C (modular lens). Locking rocker, standard rocker & paddle. Laser etching with a polycarbonate actuator. |
| Lens | Polycarbonate rated at 100°C. Front snap-in. |
| Connector | Nylon 66 rated at 85°C. Polarized. |

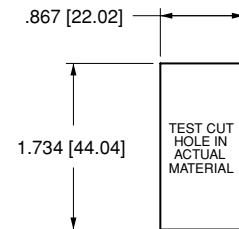
Actuator Travel (Angular Displacement)

| | |
|-----------------------|-----------------|
| 2 position | 26° |
| 3 positions | 13° from center |

Environmental

| | |
|-----------------------------|--|
| Environmental | IP67, representing an index of protection as applied to electrical equipment in accordance with IEC 529, BS 5490, DIN 400 50 & NFC 20 010. |
| Corrosion Resistance . . . | MFG Class III per ASTM B-827 & B-845, Method H, with 3 years exposure. |
| Operating Temperature . . . | -40° C to + 85° C |
| Vibration 1 | Per Mil-Std 202F, Method 204D Test Condition A 0.06 DA or 10G's 10-500 Hz. Tested with VCH connector. Test criteria - No loss of circuit during test and pre and post test contact resistance. |
| Vibration 2 | Resonance search 24-50 Hz 0.40 DA 50-2000 ±10 G's peak Results Horizontal Axis 3-5 G's max. Random 24 Hz 0.06 PSD-Gsq/Hz 60 Hz 0.50 100 Hz 0.50 200 Hz 0.025 2000 Hz 0.025 No loss of circuit during test; <10µ chatter. |
| Shock | Per Mil-Std 202F, Method 213B, Test Condition K @ 30G's. Tested with VCH connector. Test criteria - No loss of circuit during test, pre, and post test contact resistance. |
| Salt Spray | Per Mil-Std 202F, Method 101D, Test Condition A, 48 Hrs. |
| Thermal Shock | Per Mil-Std 202F, Method 107F, Test Condition A, -55°C to 85°C. Test criteria - pre and post test contact resistance. |
| Moisture Resistance | Per Mil-Std 202F, Method 106F, Test Criteria - pre and post test contact resistance. |

Mounting Specifications



MOUNTING HOLE

Panel Thickness Range
Acceptable Panel Thickness
.030 to .156 (.76mm to 3.96mm)
Recommended:
.030, .062, .093, .125 and .156

L 11 E 3 C H N 1 - 3 A A 45 - 1 48

1 Series 2 Circuit 3 Rating 4 Termination 5 Illumination 6 Lamp 7 Lamp 8 Bracket 9 Actuator 10 Lens Style & Color 11 Lens Style & Color 12 Legend 13 Legend Orientation 14 Actuator Lens Legend

1 SERIES
L

2 CIRCUIT²
Terminal Orientation



() - momentary

SP - single pole - uses terminals 1, 2 & 4.
DP - double pole uses terminals 5, 6 & 8.
Terminals 9, 10, 11 & 12 for lamp circuit only.

| Position: | 1 | 2 | 3 |
|-----------|--------------|---------------------|--------------|
| SP DP | 2 & 4, 6 & 8 | Connected Terminals | 1 & 2, 5 & 6 |
| 11 21 | ON | NONE | OFF |
| 12 22 | (ON) | NONE | OFF |
| 13 23 | ON | NONE | (OFF) |
| 14 24 | ON | NONE | ON |
| 15 25 | ON | NONE | (ON) |
| 16 26 | ON | OFF | ON |
| 17 27 | ON | OFF | (ON) |
| 18 28 | (ON) | OFF | (ON) |

CIRCUITS WITH JUMPER TERMINALS

| | | | |
|----|-----------------|----------|-----------------|
| 30 | (2,4&5),(1,6&8) | OFF, OFF | (1,2&8),(4,5&6) |
| 31 | 1,2&5 | 2,3&7 | 2,4&8 |

PROGRESSIVE CIRCUITS

| | | | |
|----|-------------|----------|-------------|
| 51 | 3&4 | 2&3 | 1&2 |
| 52 | 3&4 | 2&3 | OFF |
| 53 | (3&4) | 2&3 | 1&2 |
| 54 | (3&4) | 2&3 | OFF |
| 55 | (3&4) | 2&3 | (1&2) |
| 56 | (3&4) | 2&3 | (OFF) |
| 57 | 3&4 | 2&3 | (OFF) |
| 58 | 2&4 | 2&3 | 1&2 |
| 61 | 3&4,7&8 | 2&3,6&7 | 1&2,5&6 |
| 62 | 3&4,7&8 | 2&3,6&7 | OFF, OFF |
| 63 | (3&4),(7&8) | 2&3,6&7 | 1&2,5&6 |
| 64 | (3&4),(7&8) | 2&3,6&7 | OFF, OFF |
| 65 | (3&4),(7&8) | 2&3,6&7 | (1&2),(5&6) |
| 66 | (3&4),(7&8) | 2&3,6&7 | (OFF),(OFF) |
| 67 | 3&4,7&8 | 2&3,6&7 | (OFF),(OFF) |
| 68 | 2&4,7&8 | 2&4, OFF | OFF, OFF |
| 69 | 2&4,1,7&8 | 2&4, OFF | OFF, OFF |
| 70 | (2&4),(7&8) | 2&4,5&7 | (1&2),(5&7) |
| 71 | (2&4),(7&8) | 2&4,5&7 | 1&2,5&7 |
| 72 | 2&4,7&8 | 2&4,5&7 | 1&2,5&7 |
| 73 | (2&4),(7&8) | 2&4, OFF | OFF, OFF |
| 80 | 2&4,6&8 | 2&4, OFF | OFF,5&6 |

HAZARD WARNING CIRCUITS

| | | | |
|----|------------|------|---------|
| A2 | 6,7&8, 3&4 | NONE | OFF,1&2 |
| A3 | 6,7&8, 2&4 | NONE | OFF,1&2 |

3 RATING²

| | | | |
|---|--|---|---------|
| 1 | .4VA @ 28VDC Resistive | D | 20A 12V |
| 4 | 10A 250VAC 1/2 HP, 15A 125VAC 1/2 HP, No Listings | E | 15A 12V |
| B | 15A 24V | G | 20A 6V |
| C | 20A 18V | H | 20A 3V |

4 TERMINATION^{2,3,4}

| | | | |
|---|-----------------------|---|-----------------------|
| 1 | .250 (6.4mm) TAB (QC) | 3 | .187 (4.7mm) TAB (QC) |
|---|-----------------------|---|-----------------------|

NOTES:
Consult factory to verify horsepower rating for your particular circuit choice.

- Custom colors are available. Consult factory.
- Circuits 30, 31, 58, 69 when used in combination with termination codes 1 and 3 are not available with rating codes 4, C, D, G or H.
- Termination 3 only available with rating codes 1, B, and E.
- Termination 1 not available with rating code 4.
- Not available with circuits 11-18, 51-57 and 69.

5 ILLUMINATION

Lamp #1: above terminals 9 & 10 end of switch.; Lamp #2: above terminals 11 & 12 end of switch. Positive (+) and negative (-) symbols apply to LED lamps only.

| Lamps | Illumination Type | Lamp wired to Terminals | |
|----------------|----------------------|-------------------------|---------|
| S | None | | |
| A | # 1 Independent | 10+ | 9- |
| B | # 2 Independent | 12+ | 11- |
| C | # 1 Independent | 10+ | 9- |
| | &# 2 Independent | 12+ | 9- |
| D | # 1 Dependent | 4+ | 9- |
| E | # 1 Independent | 10+ | 9- |
| | &# 2 Dependent | 4+ | 9- |
| F ⁵ | # 1 Independent | 10+ | 9- |
| | &# 2 Dependent | 8+ | 9- |
| G | # 1 Dependent | 4+ | 9- |
| | &# 2 Independent | 10+ | 9- |
| H | # 1 Both Independent | 10+ | 9- |
| | &# 2 (in series) | | |
| 1 | # 2 Hazard | 6+ | 10+ 12- |
| 2 | # 1 Hazard | 6+ | 10+ 12- |

6,7 LAMP (same coding for both selections)

Selection 6: above terminals 10 & 9; Selection 7: above terminals 12 & 11

No lamp 0

| Incandescent | 4 3V | 5 6V | 6 12V | 7 18V | 8 24V |
|--------------|------|-------|-------|-------|-------|
| LED* | Red | Amber | Green | | |
| 2VDC | A | L | F | | |
| 6VDC | B | M | G | | |
| 12VDC | C | N | H | | |
| 24VDC | D | P | J | | |

* Consult factory for "daylight bright", blue/green and white LED options.
Typical current draw for LED is 20ma.

8 BRACKET COLOR¹

| | Black | White | Gray | Red |
|-----------------------|-------|-------|------|-----|
| Standard Bracket | 1 A | 2 B | 3 C | 4 D |
| Rockerguard at Lamp 1 | E | F | G | H |
| Rockerguard at Lamp 2 | | | | |

9 ACTUATOR STYLE AND COLOR¹

| | Black | White | Gray | Red | Laser Etched |
|--------|-------|-------|------|-----|--------------|
| Rocker | A | B | C | D | 3 |
| Paddle | J | N | K | M | 4 |

10 & 11 LENS STYLE AND COLOR

Lens color for LEDs must be clear, white, or match color of LED. Green or blue lenses are not recommended with Neon lamps.

0 - No Actuator Z - No Lens

| Clear | White | Amber | Green | Red | Blue | |
|-------|-------|-------|-------|-----|------|-----------------------------|
| 1 | - | B | G | M | T | Large Transparent |
| - | 7 | C | H | N | U | Large Translucent |
| 3 | - | D | J | P | V | Bar Transparent |
| - | 9 | E | K | R | W | Bar Transparent |
| 5 | A | - | - | - | - | Laser Etch background color |

12 LASER ETCH, LENS OR BODY LEGEND

00 No legend this location / no actuator
For legend options & codes, see page 69 of this catalog.

13 LEGEND ORIENTATION

0 No legend (used with codes 11-18 in selection 12)

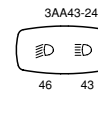
1 Orientation 1 - vertical, lamp 1 on top

2 Orientation 2 - horizontal, lamp 1 on right

3 Orientation 3 - vertical, lamp 1 on bottom

4 Orientation 4 - vertical, lamp 1 on left





14 ACTUATOR LENS LEGEND

00 No legend this location / no actuator
For legend options & codes, see page 69 of this catalog.



1 SERIES
L

2 CIRCUIT⁶
Terminal Orientation

() - momentary

SP - single pole - uses terminals 1, 2 & 4.
DP - double pole uses terminals 5, 6 & 8.
Terminals 9, 10, 11 & 12 for lamp circuit only.

| Position: | 1 | 2 | 3 (lock location) |
|-----------|----|--------------|---------------------|
| SP | DP | 2 & 4, 6 & 8 | Connected Terminals |
| 11 | 21 | ON | NONE |
| 14 | 24 | ON | NONE |
| 16 | 26 | ON | OFF |
| 17 | 27 | ON | OFF (ON) |
| 18 | 28 | (ON) | OFF (ON) |

CIRCUITS WITH JUMPER TERMINALS

| | | | |
|-----------------|-----------------|----------|-----------------|
| 30 ² | (2,4&5),(1,6&8) | OFF, OFF | (1,2&8),(4,5&6) |
| 31 ² | 1,2&5 | 2,3&7 | 2,4&8 |

PROGRESSIVE CIRCUITS

| | | | |
|----|-------------|---------|-------------|
| 51 | 3&4 | 2&3 | 1&2 |
| 52 | 3&4 | 2&3 | OFF |
| 53 | (3&4) | 2&3 | 1&2 |
| 54 | (3&4) | 2&3 | OFF |
| 55 | (3&4) | 2&3 | (1&2) |
| 56 | (3&4) | 2&3 | (OFF) |
| 57 | 3&4 | 2&3 | (OFF) |
| 58 | 2&4 | 2&3 | 1&2 |
| 61 | 3&4,7&8 | 2&3,6&7 | 1&2,5&6 |
| 62 | 3&4,7&8 | 2&3,6&7 | OFF, OFF |
| 63 | (3&4),(7&8) | 2&3,6&7 | 1&2,5&6 |
| 64 | (3&4),(7&8) | 2&3,6&7 | OFF,OFF |
| 65 | (3&4),(7&8) | 2&3,6&7 | (1&2),(5&6) |
| 66 | (3&4),(7&8) | 2&3,6&7 | (OFF),(OFF) |
| 67 | 3&4,7&8 | 2&3,6&7 | (OFF),(OFF) |
| 68 | 2&4,7&8 | 2&4,OFF | OFF,OFF |
| 69 | 2&4,1,7&8 | 2&4,OFF | OFF,OFF |
| 70 | (2&4),(7&8) | 2&4,5&7 | (1&2),(5&7) |
| 71 | (2&4),(7&8) | 2&4,5&7 | 1&2,5&7 |
| 72 | 2&4,7&8 | 2&4,5&7 | 1&2,5&7 |
| 73 | (2&4),(7&8) | 2&4,OFF | OFF,OFF |
| 80 | 2&4,6&8 | 2&4,OFF | OFF,5&6 |

3 RATING⁶

| | | | |
|---|--------------------------------|---|---------|
| 1 | .4VA @ 28VDC Resistive | D | 20A 12V |
| 4 | 10A 250VAC 1/2 HP, | E | 15A 12V |
| | 15A 125VAC 1/2 HP, No Listings | G | 20A 6V |
| B | 15A 24V | H | 20A 3V |
| C | 20A 18V | | |

4 TERMINATION^{4,5}

| | | | |
|---|-----------------------|---|-----------------------|
| 1 | .250 (6.4mm) TAB (QC) | 3 | .187 (4.7mm) TAB (QC) |
|---|-----------------------|---|-----------------------|

5 ILLUMINATION⁶
Lamp located above terminals 11 & 12, position 1 end of switch.
Positive (+) and negative (-) symbols apply to LED lamps only.

| S | Lamps | Illumination Type | Lamp wired to Terminals |
|---|-------|-------------------|-------------------------|
| S | None | | |
| B | # 2 | Independent | 12+ 11- |

6 LOCK

| | |
|---|------------------------------|
| W | Lock above terminals 10 & 9. |
|---|------------------------------|

7 LAMP

Above terminals 12 & 11
No lamp 0
Incandescent 4 3V 5 6V 6 12V 7 18V 8 24V

| LED* | Red | Amber | Green |
|-------|-----|-------|-------|
| 2VDC | A | L | F |
| 6VDC | B | M | G |
| 12VDC | C | N | H |
| 24VDC | D | P | J |

* Consult factory for "daylight bright", blue/green and white LED options.
Typical current draw for LED is 20ma.

8 BRACKET COLOR¹

| | |
|-------|---|
| Black | J |
|-------|---|

9 ACTUATOR STYLE AND COLOR¹

| Locking Rocker | Black | Red |
|----------------|-------|-----|
| | P | R |

10 LENS STYLE AND COLOR
Lens color for LEDs must be clear, white, or match color of LED.
Green or blue lenses are not recommended with Neon lamps.

| 0 - No Actuator | Z - No Lens | Clear | White | Amber | Green | Red | Blue |
|-----------------|-------------|-------|-------|-------|-------|-----|-------------------|
| 1 | - | B | G | M | T | U | Large Transparent |
| - | 7 | C | H | N | V | W | Large Translucent |
| 3 | - | D | J | P | V | W | Bar Transparent |
| - | 9 | E | K | R | W | W | Bar Transparent |

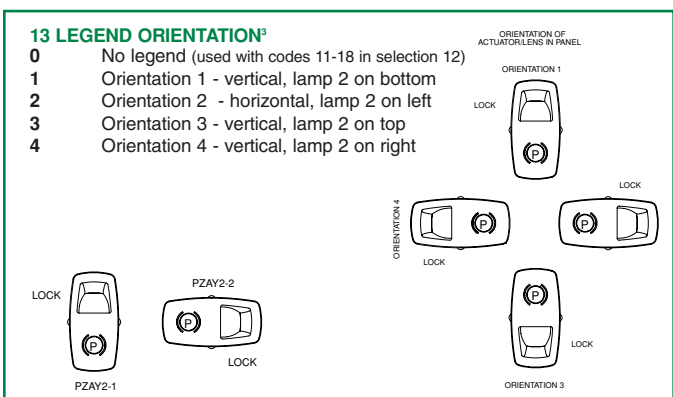
11 LOCK FUNCTION AND COLOR⁷

| Locking Position | Up | Down | Up & Down | Center ³ | Lock Color |
|------------------|----|------|-----------|---------------------|----------------|
| A | H | R | 1 | 1 | Match Actuator |
| B | J | S | 2 | 2 | black |
| C | K | T | 3 | 3 | white |
| D | L | V | 4 | 4 | red |
| E | M | W | 5 | 5 | safety orange |

12 LASER ETCH, LENS OR BODY LEGEND

| | |
|----|---------------------------------------|
| 00 | No legend this location / no actuator |
|----|---------------------------------------|

For legend options & codes, see page 69 of this catalog.

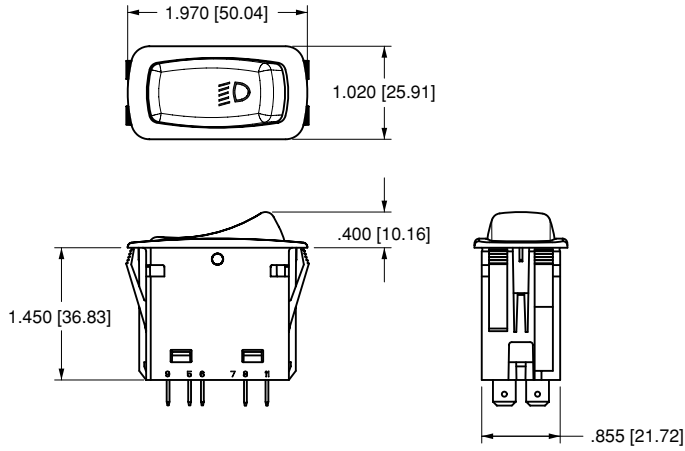


NOTES:
Consult factory to verify horsepower rating for your particular circuit choice.

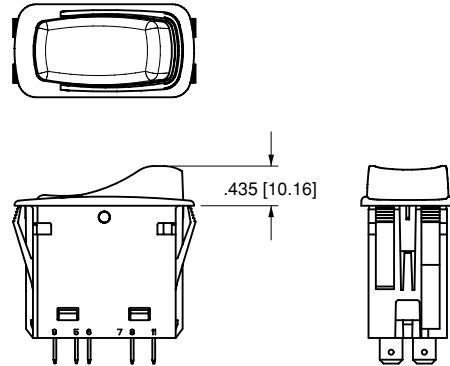
- 1 Custom colors are available. Consult factory.
- 2 Additional lamp circuits available. Consult factory.
- 3 Available only with 3 position circuits.
- 4 Termination 1 not available with rating 4.
- 5 Termination 3 only available with ratings 1, B and E.
- 6 Circuits 30, 31, 58 and 69, when used in combination with termination codes 1 is not available with rating codes 4, C, D, G or H.
- 7 Up, Up & Down, and Center lock options will be available 1Q2004.

Dimensional Specifications

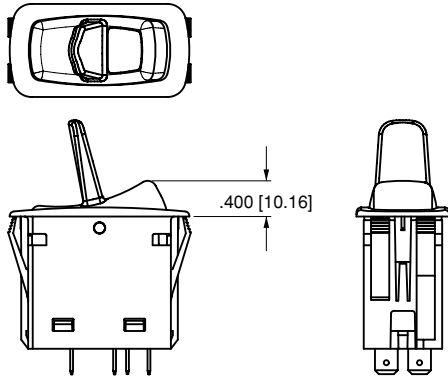
L SERIES
SHOWN WITH LASER ETCHED
ACTUATOR



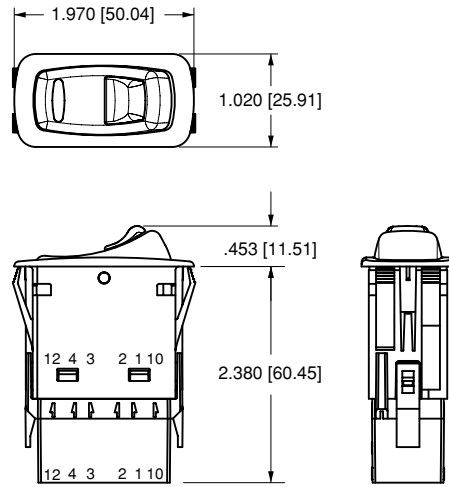
L SERIES
SHOWN WITH ROCKER GUARD



L SERIES
SHOWN WITH LARGE LENS
AND PADDLE ACTUATOR



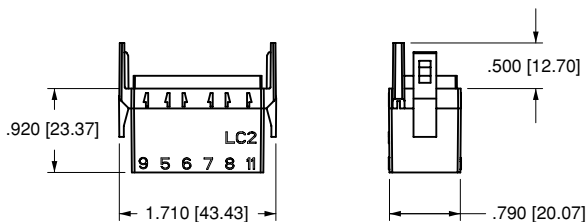
L SERIES
SHOWN WITH BAR LENS, LOCK
AND CONNECTOR



Connector

L SERIES
CONNECTOR

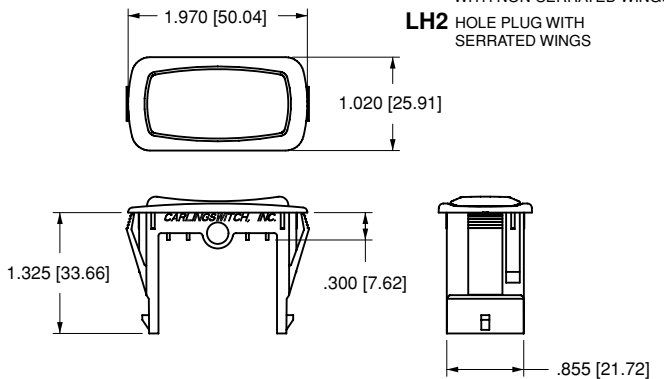
LC1-01 BLACK .250 TAB CONNECTOR
LC1-02 BLACK .187 TAB CONNECTOR



Hole Plug

L SERIES
HOLE PLUG

LH1 REMOVABLE HOLE PLUG
WITH NON-SERRATED WINGS
LH2 HOLE PLUG WITH
SERRATED WINGS



Mounting Panel

Dimensional Specifications: in. [mm]



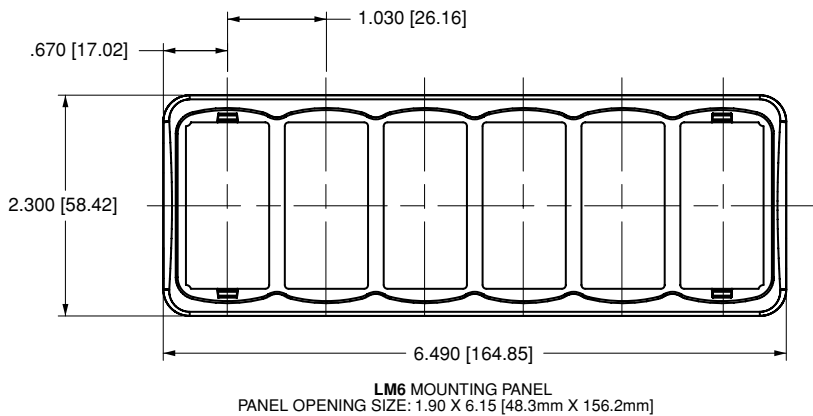
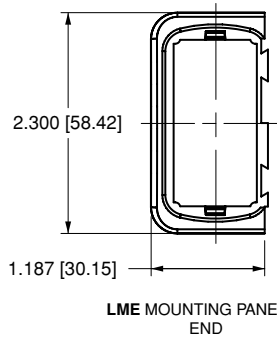
MOUNTING PANEL

FOR ADDITIONAL UNITS, ADD 1.03 [26.2] PER UNIT. FOR MORE THAN 2 L-SERIES SWITCHES, ADD MIDDLE SECTION. AVAILABLE IN PANEL THICKNESSES LISTED BELOW. CONSULT FACTORY

DIMENSIONS: LME 2.02 [51.3mm] PLUS NUMBER OF CENTER BEZELS (LMM) X 1.034 [26.26mm]

MOUNTING PANEL THICKNESS

- .062 [1.57]
- .093 [2.36]
- .125 [3.17]
- .156 [3.96]



| CIRCUIT CODE | SCHEMATIC | CIRCUIT CODE | SCHEMATIC | CIRCUIT CODE | SCHEMATIC |
|--------------|-----------|--------------|-----------|--------------|-----------|
| 11 | | 22 | | 51 | |
| 12 | | 23 | | 52 | |
| 13 | | 24 | | 53 | |
| 14 | | 25 | | 54 | |
| 15 | | 26 | | 55 | |
| 16 | | 27 | | 56 | |
| 17 | | 28 | | 57 | |
| 18 | | 30 | | 58 | |
| 21 | | 31 | | 61 | |

| CIRCUIT CODE | SCHEMATIC | CIRCUIT CODE | SCHEMATIC |
|--------------|-----------|--------------|-----------|
| 62 | | 71 | |
| 63 | | 72 | |
| 64 | | 73 | |
| 65 | | 80 | |
| 66 | | A2 | |
| 67 | | A3 | |
| 68 | | | |
| 69 | | | |
| 70 | | | |

| ILLUM. CODE | SCHEMATIC |
|-------------|-----------|
| A | |
| B | |
| C | |
| D | |
| E | |
| F | |
| G | |
| H | |
| 1 | |
| 2 | |

LEGEND

| SYMBOL | DEFINITION |
|--------|-----------------------|
| | TERMINAL LOCATION |
| | LAMP LOCATION |
| | LAMP LOCATION |
| | MAINTAINED CIRCUIT |
| | MOMENTARY CIRCUIT |
| | 2 POSITION CONNECTION |
| | 2 POSITION |
| | 3 POSITION |

| LEGEND | | LEGEND CODE | | |
|---|---|-------------|-----------------------|----------|
| SYMBOL | NAME (SYMBOL MEANING) | BODY | LENS | |
| | | | NEGATIVE ¹ | POSITIVE |
|  | RUNNING LIGHTS (UNDER POWER) | AA | NA | MA |
|  | LIGHT | AB | NB | MB |
|  | MASTER LIGHT SWITCH | AC | NC | MC |
|  | HORN | AD | ND | MD |
|  | PROPULSION SYSTEM TRIM TRIMMING OPERATION | AE | NE | ME |
|  | VENTILATION FAN OR BLOWER | AF | NF | MF |
|  | WINDSHIELD WASHER | AG | NG | MG |
|  | WINDSHIELD WIPER | AH | NH | MH |
|  | BILGE PUMP | AJ | NJ | MJ |
|  | BILGE BLOWER | AK | NK | MK |
|  | POTABLE WATER PRESSURE | AL | NL | ML |
|  | ENGINE START | AM | ED | MM |
|  | ENGINE STOP | AN | EE | MN |
|  | DRIVE TILT TILT OPERATION | 30 | | 31 |
|  | EMERGENCY START | 32 | | 33 |
|  | UP/DOWN LIFT | 34 | | |
|  | TRIM TAB TRIMMING OPERATION | 35 | | 36 |

| LEGEND | | LEGEND CODE | | |
|---|----------------------------------|-------------|-----------------------|----------|
| SYMBOL | NAME (SYMBOL MEANING) | BODY | LENS | |
| | | | NEGATIVE ¹ | POSITIVE |
|  | ANCHOR LIGHT | 37 | | 38 |
|  | ANCHOR | 39 | | 40 |
|  | WATER FLUSHING TAP FOR OUTBOARDS | 41 | | 42 |
|  | HIGH BEAM | 43 | 44 | 45 |
|  | LOW / DIPPED BEAM | 46 | 47 | 48 |
|  | SIDE MARKER LIGHT | DG | 49 | DF |
|  | INTERIOR LIGHT | 50 | 51 | 52 |
|  | WORK LIGHT | 53 | 54 | 55 |
|  | WORK LAMP | 56 | 57 | 58 |
|  | LOADING FLOOR LAMP | CW | 59 | CY |
|  | ON -WIPER- INT DELAY | 60 | | |
|  | ROTARY BEACON | 61 | 62 | 63 |
|  | LAMP TEST | DK | 64 | DL |
|  | WINDSHIELD WIPER/WASHER | 65 | 66 | 67 |
|  | HAZARD WARNING | 68 | 69 | 70 |
|  | WARM AIR BLOWER | 71 | 72 | 73 |
|  | HORN REAR | AX | 74 | Y4 |

NOTE

¹ Negative lens not available on L or LD-Series.
Additional Standard Markings available. Consult factory.

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А