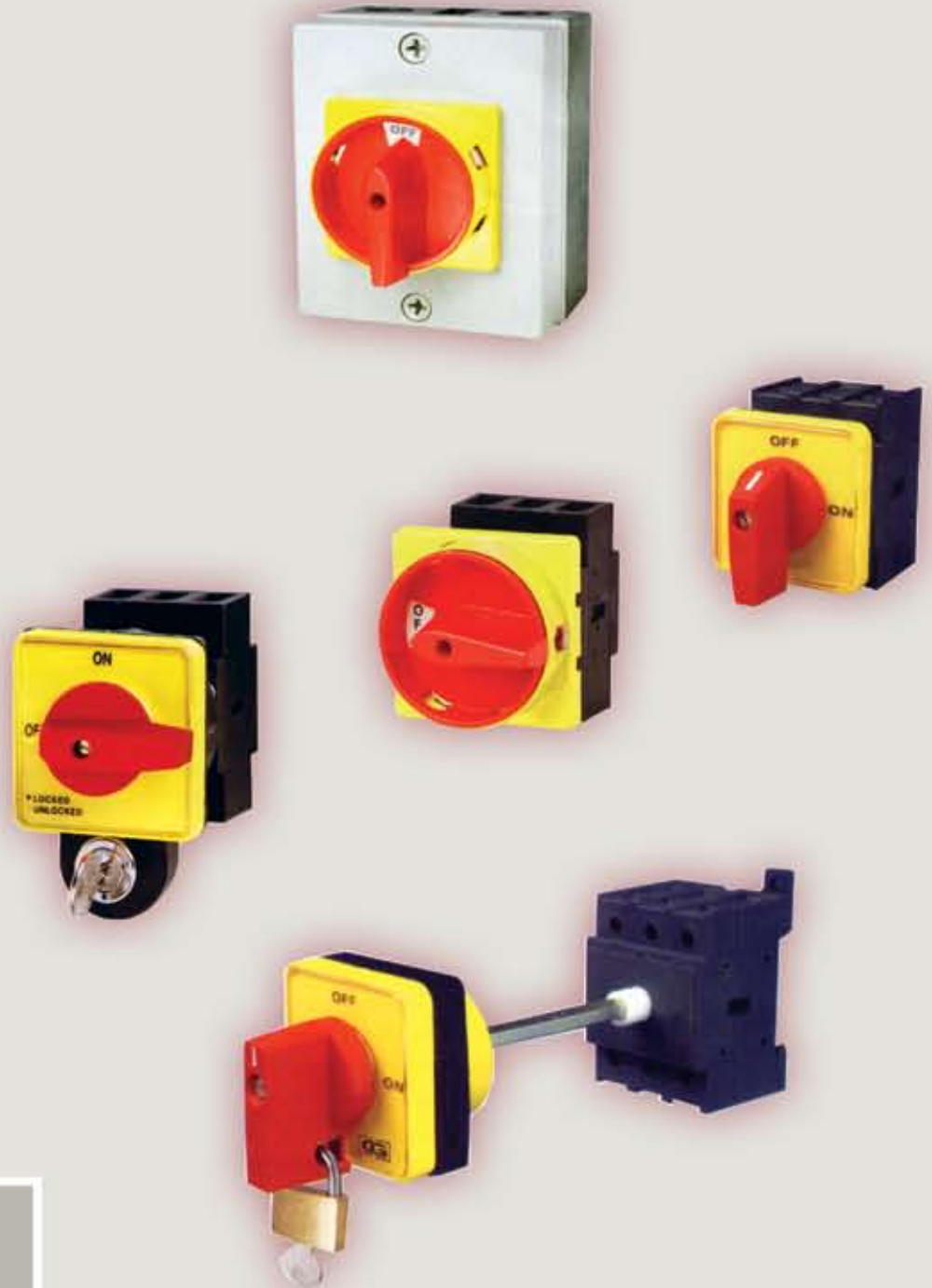


# CONTROL SWITCHES

"L"  
S  
E  
R  
I  
E  
S



**csii**®



## DISCONNECT SWITCHES

Control Switches International, Inc.

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.

Rated Operational Voltage			Value	L16	L20	L25	L32	L40	L63	L80	L100	L125	
IEC/EN/VDE			Volts	V	690	690	690	690	690	690	690	690	
UL/CSA			Volts	V	600	600	600	600	600	600	600	600	
Main Switch: Isolation Voltage Up To			Volts	V	750	750	750	750	750	750	750	750	
Rated Impulse Withstand Voltage			Volts	Kv	6	6	6	6	6	6	6	6	
Rated Uninterrupted Current, Iu			Amperes	A	16	20	25	32	40	63	80	100	125
Rated Operational Current													
IEC/EN/VDE	AC22, AC-1, AC21A		Amperes	A	16	20	25	32	40	63	80	100	125
UL/CSA			Amperes	A	16	20	25	32	40	63	80	100	125
Rated Operational Power at 50/60Hz (IEC/EN/VDE)													
IEC/EN/VDE	AC-23A, 3 Phase, 3 Pole	220-240V	kW	3	4	5.5	7.5	11	15	18.5	22	30	
		380-440V	kW	5.5	7.5	11	15	18.5	30	30	37	45	
		500-690V	kW	7.5	11	11	15	22	30	37	45	55	
	AC-3, 3 Phase, 3 Pole	220-240V	kW	2	3	4	5.5	7.5	11	15	18.5	22	
		380-440V	kW	3	5.5	7.5	11	18.5	22	22	30	37	
		500-690V	kW	5.5	7.5	11	11	18.5	22	30	37	45	
Short Circuit Capacity (IEC/EN/VDE)													
Fuse Size, Max. (Type gL)			Amperes	A	16	25	25	32	40	63	80	100	125
Rated fused short circuit current			Amperes	kA	5	5	30	30	30	30	30	30	
UL/CSA Power Rating: Manual Motor Controller, Suitable as Disconnect													
DOL	3 PHASE, 3 POLE	120V	HP	1.5	1.5	3	3	5	7.5	5	7.5	7.5	
		240V	HP	3	3	7.5	7.5	10	15	10	15	15	
		480V	HP	7.5	7.5	15	20	20	25	30	30	40	
		600V	HP	10	10	20	25	30	30	40	40	50	
	1 PHASE	120V	HP	0.5	0.5	1.5	2	3	3	3	3	3	
		240V	HP	1.5	1.5	2	3	4	7.5	7.5	7.5	10	
Short Circuit Capacity (UL/CSA)													
Fuse Size, Max.			Amperes	A	25	25	50	50	70	70	100	100	125
Fuse Rating, J Type			Amperes	A	20	20	45	45	70	70	90	90	90
Rated Fused Short Circuit Current			Amperes	kA	10	10	10	10	10	10	10	10	
Terminal Cross Section													
Single/Multiple Strand Wire			Min-mm <sup>2</sup>		1.5	1.5	1	1	4	4	6	6	6
			Max-mm <sup>2</sup>		6	6	10	10	16	16	70	70	70
Flexible Multiple Strand Wire with Sleeve			Min-mm <sup>2</sup>		0.5	0.5	0.75	0.75	2.5	2.5	4	4	4
			Max-mm <sup>2</sup>		6	6	6	6	10	10	50	50	50
American Wire Guage			AWG		12	12	8	8	6	6	1	1	1
Recommended Tightening Torque			Nm		0.8	0.8	1.7	1.7	1.7	1.7	2.5	2.5	2.5

## Quick Turnaround, Extensive Inventory

Get quick turnaround from CSII. We maintain a large stocking inventory and value added operation.

### Application Questions

Our electrical engineers and knowledgeable sales representatives can assist you with your technical and operation-related issues. We can produce large systems or a simple value added project. No project is too small.

L16, L20, L25, L32, L40, L63							
<b>3 Pole</b>	<b>3 Pole + 1 Main Module</b>	<b>4 Pole + 1 Main Module</b>	<b>6 Pole</b>	<b>8 Pole</b>			
<b>300</b>	<b>400</b>	<b>500</b>	<b>600</b>	<b>800</b>			
	<b>309</b>	<b>409</b>	<b>509</b>	<b>609</b>	<b>809</b>		
<b>3 Pole + 1 Neutral Module</b>	<b>4 Pole + 1 Neutral Module</b>	<b>3 Pole + 1 Auxilliary Module</b>	<b>4 Pole + 1 Auxilliary Module</b>	<b>3 Pole + 2 Neutral Modules</b>	<b>3 Pole + 2 Auxilliary Modules</b>		
<b>330</b>	<b>430</b>	<b>310</b>	<b>410</b>	<b>340</b>	<b>320</b>		
	<b>339</b>	<b>439</b>	<b>319</b>	<b>419</b>	<b>349</b>	<b>329</b>	
	<b>L80, L100, L125</b>						
<b>3 Pole</b>	<b>3 Pole + 1 Main Module</b>	<b>4 Pole + 1 Main Module</b>	<b>6 Pole</b>	<b>8 Pole</b>			
<b>309</b>	<b>409</b>	<b>509</b>	<b>609</b>	<b>809</b>			
<b>3 Pole + 1 Neutral Module</b>	<b>4 Pole + 1 Neutral Module</b>	<b>3 Pole + 1 Auxilliary Module</b>	<b>4 Pole + 1 Auxilliary Module</b>	<b>3 Pole + 2 Neutral Modules</b>	<b>3 Pole + 2 Auxilliary Modules</b>		
<b>339</b>	<b>439</b>	<b>319</b>	<b>419</b>	<b>349</b>	<b>329</b>		

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

2425 MIRA MAR AVENUE, LONG BEACH, CA 90815  
P. O. BOX 92349, LONG BEACH, CA 90809

**CONTROL SWITCHES INTERNATIONAL, INC.**

PHONE: (562) 498-7331 • (800) 521-1677 • FAX: (562) 498-5894  
www.controlswitches.com • Email: sales\_info@controlswitches.com

**csii**®

CSN0512CVR