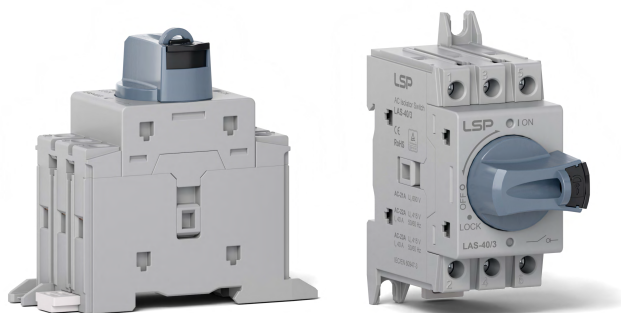


AC Isolator Switch

LAS-xx/3(T) & LAS-xx/4(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

LAS Series AC isolator switch is designed for industrial power management applications, offering outstanding reliability and operational flexibility. Available in 3-pole and 4-pole configurations with rated currents of 40 A, 80 A, and 125 A, the series supports voltages up to 800 VAC. Engineered for demanding environments

such as power distribution systems, building automation, petrochemical installations, and machinery control, the LAS series integrates isolation, disconnection, and switching functions in a single compact unit. It delivers stable performance, easy installation, and long-term operational safety.

Technical Data

LAS-xx/3(T) & LAS-xx/4(T)			LAS-16/4	LAS-20/4	LAS-25/4	LAS-32/4	LAS-40/4
Electrical Characteristic							
Rated Operational Current (AC-21A / AC-21B)	I _e	≤ 690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
Rated Operational Current (AC-22A / AC-22B)	I _e	415 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		500 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	32 A / 40 A
Rated Operational Current (AC-23A / AC-23B)	I _e	415 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		500 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	25 A / 25 A	25 A / 25 A
		690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	25 A / 25 A	25 A / 25 A
Rated Operational Power (3-Phase, AC-23A)		415 V	7.5 kW	9 kW	11 kW	15 kW	18.5 kW
		500 V	7.5 kW	9 kW	11 kW	15 kW	18.5 kW
		690 V	7.5 kW	11 kW	15 kW	15 kW	18.5 kW
Rated Conditional Short-Circuit Current (with Fuse Protection)							
Coordinating Fuse Class		415 V	16 A	20 A	25 A	32 A	40 A
Rated Conditional Short-Circuit Current		415 V			50 kA		
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, t ≤ 0.3 s)							
Rated Conditional Short-Circuit Current		0.3 S			2.5 kA		
Short-Circuit Performance (Unprotected)							
Rated Short-Time Withstand Current	I _{cw}	1 S			1.26 kA		
Rated Short-Circuit Making Capacity	I _{cm}				1.8 kA		
Rated Insulation Voltage	U _i				800 V		
Rated Impulse Withstand Voltage	U _{imp}				8 kV		
Accessories					Terminal cover (T)		
Installation Environment							
Degree of Protection					IP20		
Mechanical Endurance					100000		
Ambient Temperature		Operating			-25 °C to +55 °C		
		Storage			-40 °C to +70 °C		
Mounting Type					Vertically or horizontally		
Pollution Degree					3		
Order Information							
Ordering Code			16	20	25	32	40
LAS-xx/3			2016300	2020300	2025300	2032300	2040300
LAS-xx/4			2016400	2020400	2025400	2032400	2040400
LAS-xx/3T (with terminal cover)			2016301	2020301	2025301	2032301	2040301
LAS-xx/4T (with terminal cover)			2016401	2020401	2025401	2032401	2040401

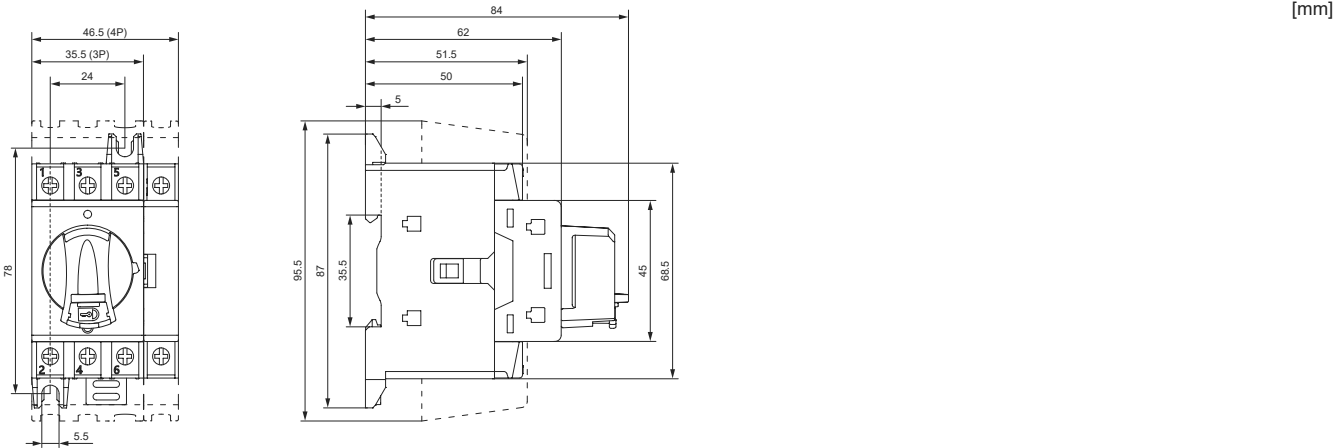
LAS-xx/3(T) & LAS-xx/4(T)

Electrical Schematic Diagram

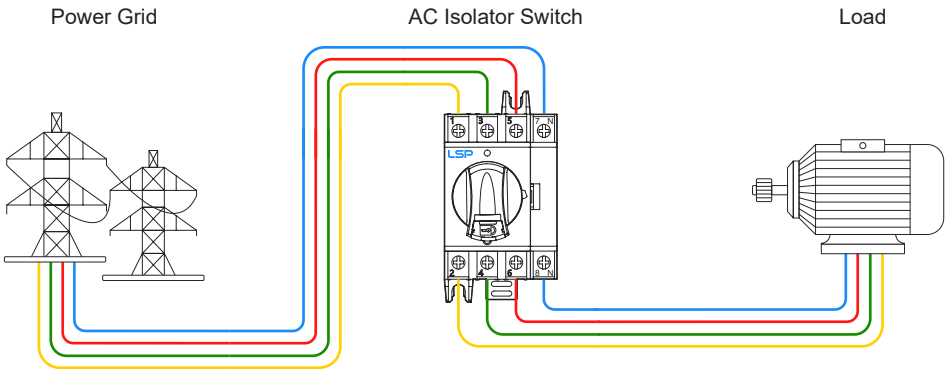
Type	2P	3P	4P
Contacts Wiring Draph			

4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions



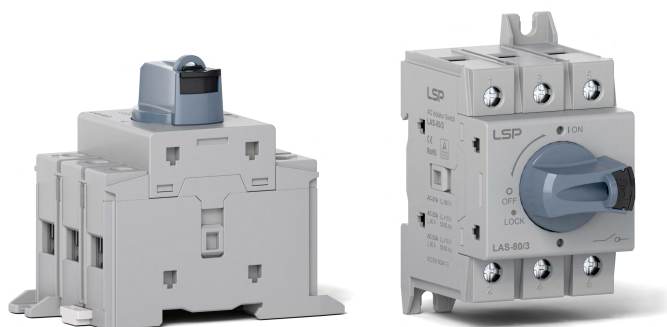
Easy Installation Instructions



AC Isolator Switch

LAS-xx/3(T) & LAS-xx/4(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

LAS Series AC isolator switch is designed for industrial power management applications, offering outstanding reliability and operational flexibility. Available in 3-pole and 4-pole configurations with rated currents of 40 A, 80 A, and 125 A, the series supports voltages up to 800 VAC. Engineered for demanding environments

such as power distribution systems, building automation, petrochemical installations, and machinery control, the LAS series integrates isolation, disconnection, and switching functions in a single compact unit. It delivers stable performance, easy installation, and long-term operational safety.

Technical Data

LAS-xx/3(T) & LAS-xx/4(T)

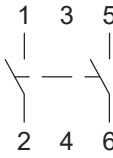
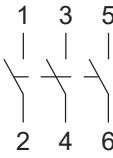
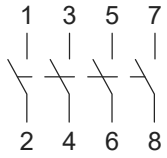
LAS-63/3 LAS-63/4

LAS-80/3 LAS-80/4

Electrical Characteristic				
Rated Operational Current (AC-21A / AC-21B)	I _e	≤ 690 V	63 A / 63 A	80 A / 80 A
Rated Operational Current (AC-22A / AC-22B)	I _e	415 V	63 A / 63 A	80 A / 80 A
		500 V	63 A / 63 A	80 A / 80 A
		690 V	40 A / 63 A	63 A / 80 A
Rated Operational Current (AC-23A / AC-23B)	I _e	415 V	63 A / 63 A	80 A / 80 A
		500 V	63 A / 63 A	63 A / 63 A
		690 V	40 A / 40 A	40 A / 40 A
Rated Operational Power (3-Phase, AC-23A)		415 V	30 kW	37 kW
		500 V	30 kW	37 kW
		690 V	30 kW	37 kW
Rated Conditional Short-Circuit Current (with Fuse Protection)				
Coordinating Fuse Class		415 V	63 A	80 A
Rated Conditional Short-Circuit Current		415 V		50 kA
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, t ≤ 0.3 s)				
Rated Conditional Short-Circuit Current		0.3 S		3 kA
Short-Circuit Performance (Unprotected)				
Rated Short-Time Withstand Current	I _{cw}	1 S		1.5 kA
Rated Short-Circuit Making Capacity	I _{cm}			2.1 kA
Rated Insulation Voltage	U _i			800 V
Rated Impulse Withstand Voltage	U _{imp}			8 kV
Accessories				Terminal cover (T)
Installation Environment				
Degree of Protection				IP20
Mechanical Endurance				100000
Ambient Temperature		Operating		-25 °C to +55 °C
		Storage		-40 °C to +70 °C
Mounting Type				Vertically or horizontally
Pollution Degree				3
Order Information				
Ordering Code			63	80
LAS-xx/3			2063300	2080300
LAS-xx/4			2063400	2080400
LAS-xx/3T (with terminal cover)			2063301	2080301
LAS-xx/4T (with terminal cover)			2063401	2080401

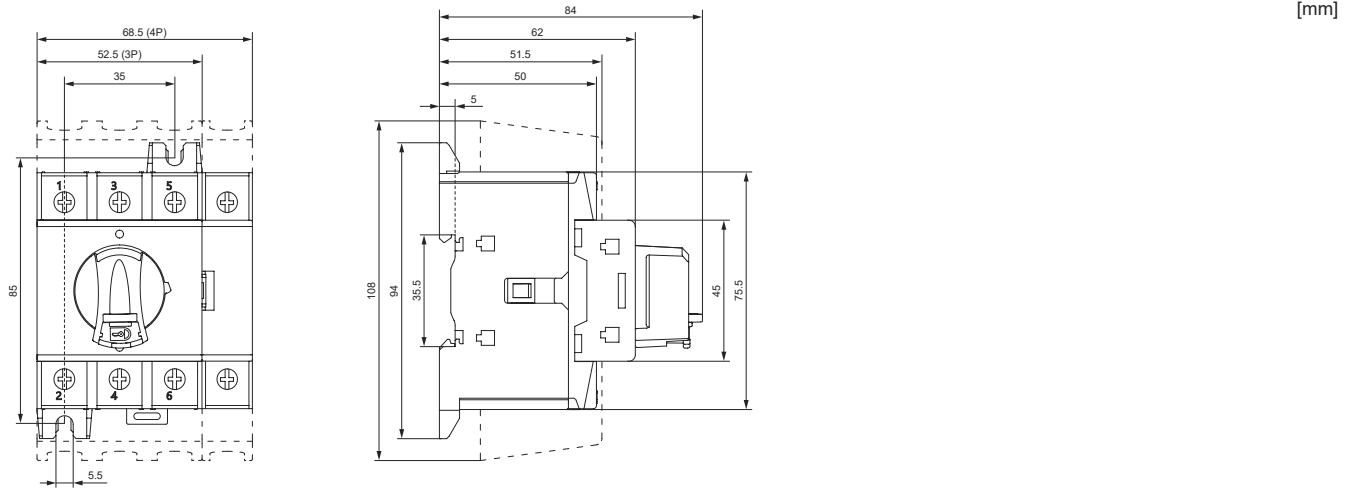
LAS-xx/3(T) & LAS-xx/4(T)

Electrical Schematic Diagram

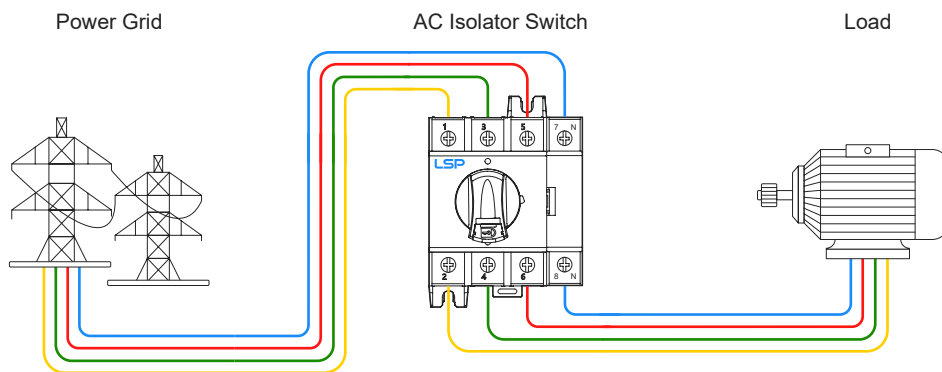
Type	2P	3P	4P
Contacts Wiring Draph			

4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions



Easy Installation Instructions



AC Isolator Switch

LAS-xx/3(T) & LAS-xx/4(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

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Technical Data

LAS-xx/3(T) & LAS-xx/4(T)

LAS-100/3

LAS-125/3

LAS-100/4

LAS-125/4

Electrical Characteristic			
Rated Operational Current (AC-21A / AC-21B)	I_e	≤ 690 V	100 A / 100 A
Rated Operational Current (AC-22A / AC-22B)	I_e	415 V	100 A / 100 A
		500 V	100 A / 100 A
		690 V	80 A / 100 A
Rated Operational Current (AC-23A / AC-23B)	I_e	415 V	100 A / 100 A
		500 V	80 A / 80 A
		690 V	63 A / 63 A
Rated Operational Power (3-Phase, AC-23A)		415 V	45 kW
		500 V	45 kW
		690 V	45 kW
Rated Conditional Short-Circuit Current (with Fuse Protection)			
Coordinating Fuse Class		415 V	100 A
Rated Conditional Short-Circuit Current		415 V	25 kA
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, $t \leq 0.3$ s)			
Rated Conditional Short-Circuit Current		0.3 S	5 kA
Short-Circuit Performance (Unprotected)			
Rated Short-Time Withstand Current	I_{cw}	1 S	2.75 kA
Rated Short-Circuit Making Capacity	I_{cm}		3.9 kA
Rated Insulation Voltage	U_i		800 V
Rated Impulse Withstand Voltage	U_{imp}		8 kV
Accessories			Terminal cover (T)
Installation Environment			
Degree of Protection			IP20
Mechanical Endurance			100000
Ambient Temperature	Operating		-25 °C to +55 °C
	Storage		-40 °C to +70 °C
Mounting Type			Vertically or horizontally
Pollution Degree			3
Order Information			
Ordering Code		100	125
LAS-xx/3		2100300	2125300
LAS-xx/4		2100400	2125400
LAS-xx/3T (with terminal cover)		2100301	2125301
LAS-xx/4T (with terminal cover)		2100401	2125401

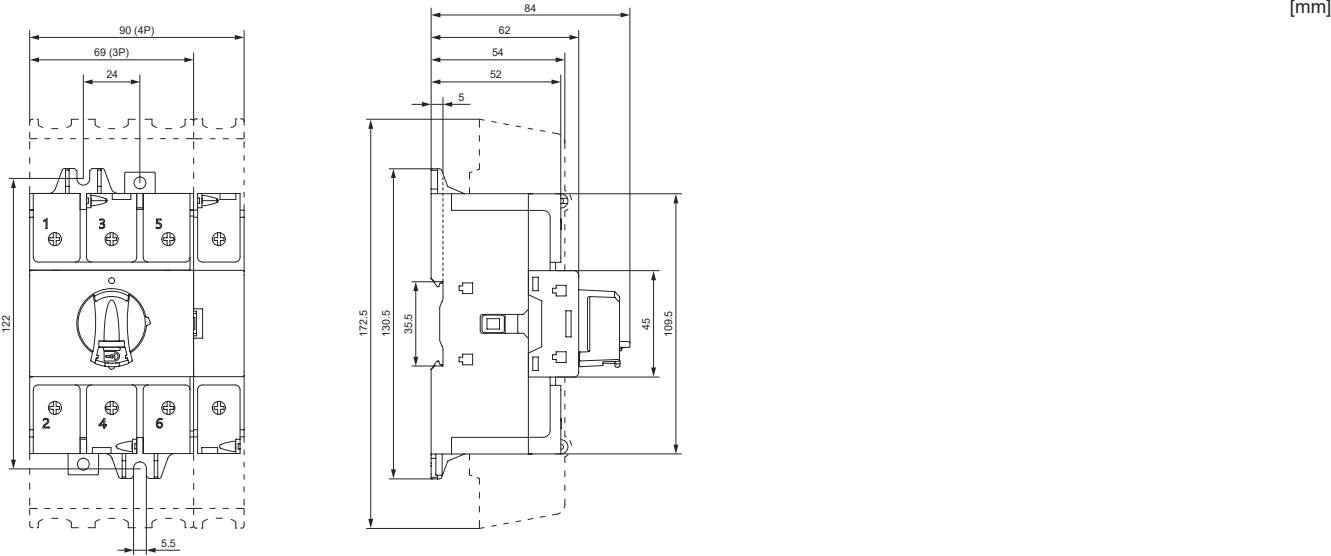
LAS-xx/3(T) & LAS-xx/4(T)

Electrical Schematic Diagram

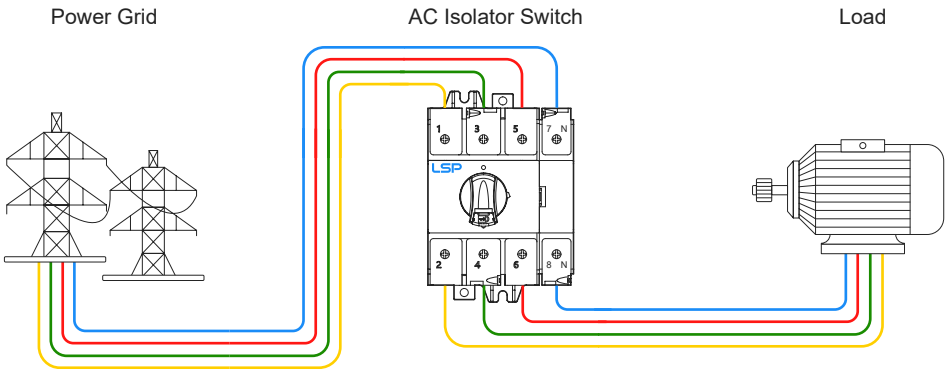
Type	2P	3P	4P
Contacts Wiring Draph			

4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions



Easy Installation Instructions



AC Isolator Switch

LAS-xx/3P(T) & LAS-xx/4P(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

LAS Series AC isolator switch is designed for industrial power management applications, offering outstanding reliability and operational flexibility. Available in 3-pole and 4-pole configurations with rated currents of 40 A, 80 A, and 125 A, the series supports voltages up to 800 VAC. Engineered for demanding environments

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Technical Data

LAS-xx/3P(T) & LAS-xx/4P(T)			LAS-16/4P	LAS-20/4P	LAS-25/4P	LAS-32/4P	LAS-40/4P
Electrical Characteristic							
Rated Operational Current (AC-21A / AC-21B)	I _e	≤ 690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
Rated Operational Current (AC-22A / AC-22B)	I _e	415 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		500 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	32 A / 40 A
Rated Operational Current (AC-23A / AC-23B)	I _e	415 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		500 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	25 A / 25 A	25 A / 25 A
		690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	25 A / 25 A	25 A / 25 A
Rated Operational Power (3-Phase, AC-23A)		415 V	7.5 kW	9 kW	11 kW	15 kW	18.5 kW
		500 V	7.5 kW	9 kW	11 kW	15 kW	18.5 kW
		690 V	7.5 kW	11 kW	15 kW	15 kW	18.5 kW
Rated Conditional Short-Circuit Current (with Fuse Protection)							
Coordinating Fuse Class		415 V	16 A	20 A	25 A	32 A	40 A
Rated Conditional Short-Circuit Current		415 V			50 kA		
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, t ≤ 0.3 s)							
Rated Conditional Short-Circuit Current		0.3 S			2.5 kA		
Short-Circuit Performance (Unprotected)							
Rated Short-Time Withstand Current	I _{cw}	1 S			1.26 kA		
Rated Short-Circuit Making Capacity	I _{cm}				1.8 kA		
Rated Insulation Voltage	U _i				800 V		
Rated Impulse Withstand Voltage	U _{imp}				8 kV		
Accessories					Terminal cover (T)		
Installation Environment							
Degree of Protection					IP20		
Mechanical Endurance					100000		
Ambient Temperature		Operating			-25 °C to +55 °C		
		Storage			-40 °C to +70 °C		
Mounting Type					Vertically or horizontally		
Pollution Degree					3		
Order Information							
Ordering Code			16	20	25	32	40
LAS-xx/3P			2016310	2020310	2025310	2032310	2040310
LAS-xx/4P			2016410	2020410	2025410	2032410	2040410
LAS-xx/3PT (with terminal cover)			2016311	2020311	2025311	2032311	2040311
LAS-xx/4PT (with terminal cover)			2016411	2020411	2025411	2032411	2040411

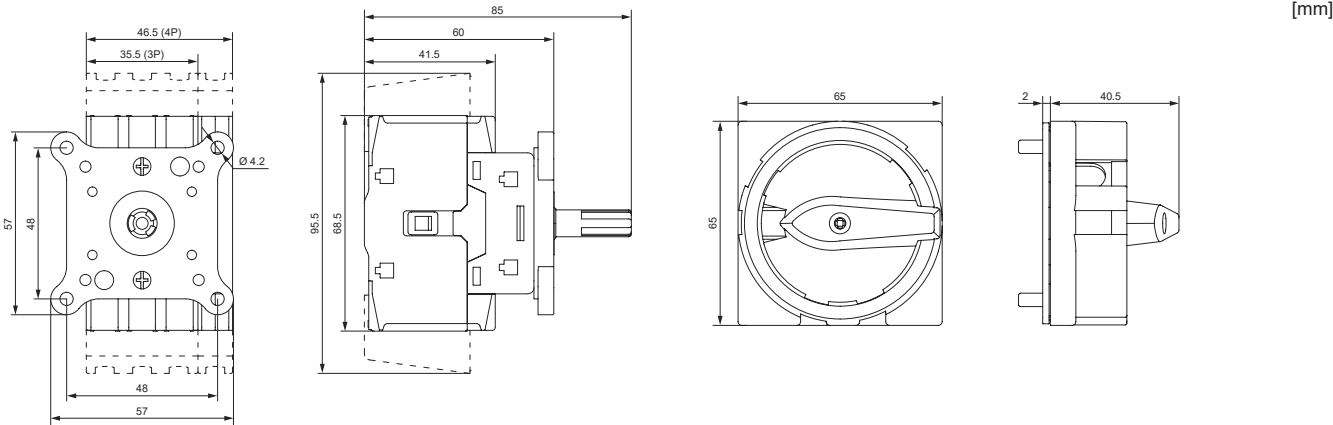
LAS-xx/3P(T) & LAS-xx/4P(T)

Electrical Schematic Diagram

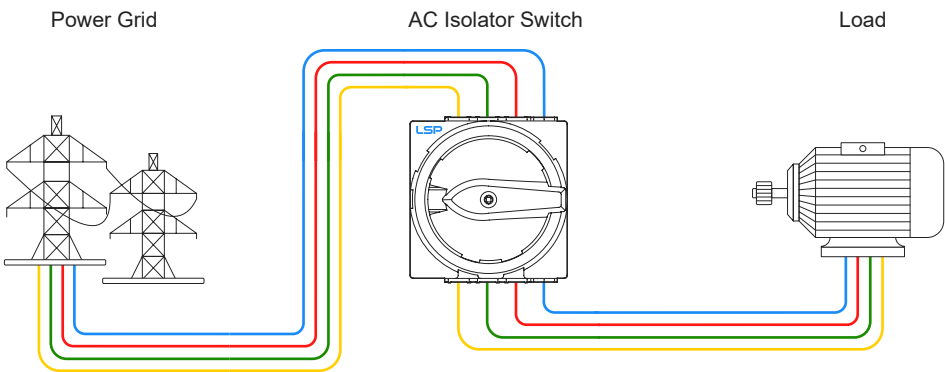
Type	2P	3P	4P
Contacts Wiring Draph			

4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions



Easy Installation Instructions



AC Isolator Switch

LAS-xx/3P(T) & LAS-xx/4P(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

LAS Series AC isolator switch is designed for industrial power management applications, offering outstanding reliability and operational flexibility. Available in 3-pole and 4-pole configurations with rated currents of 40 A, 80 A, and 125 A, the series supports voltages up to 800 VAC. Engineered for demanding environments

such as power distribution systems, building automation, petrochemical installations, and machinery control, the LAS series integrates isolation, disconnection, and switching functions in a single compact unit. It delivers stable performance, easy installation, and long-term operational safety.

Technical Data

LAS-xx/3P(T) & LAS-xx/4P(T)

LAS-63/3P

LAS-63/4P

LAS-80/3P

LAS-80/4P

Electrical Characteristic				
Rated Operational Current (AC-21A / AC-21B)	I _e	≤ 690 V	63 A / 63 A	
Rated Operational Current (AC-22A / AC-22B)	I _e	415 V	63 A / 63 A	
		500 V	63 A / 63 A	
		690 V	40 A / 63 A	
Rated Operational Current (AC-23A / AC-23B)	I _e	415 V	63 A / 63 A	
		500 V	63 A / 63 A	
		690 V	40 A / 40 A	
Rated Operational Power (3-Phase, AC-23A)		415 V	30 kW	
		500 V	30 kW	
		690 V	30 kW	
Rated Conditional Short-Circuit Current (with Fuse Protection)				
Coordinating Fuse Class		415 V	63 A	80 A
Rated Conditional Short-Circuit Current		415 V		50 kA
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, t ≤ 0.3 s)				
Rated Conditional Short-Circuit Current		0.3 S		3 kA
Short-Circuit Performance (Unprotected)				
Rated Short-Time Withstand Current	I _{cw}	1 S		1.5 kA
Rated Short-Circuit Making Capacity	I _{cm}			2.1 kA
Rated Insulation Voltage	U _i			800 V
Rated Impulse Withstand Voltage	U _{imp}			8 kV
Accessories				Terminal cover (T)
Installation Environment				
Degree of Protection				IP20
Mechanical Endurance				100000
Ambient Temperature		Operating		-25 °C to +55 °C
		Storage		-40 °C to +70 °C
Mounting Type				Vertically or horizontally
Pollution Degree				3
Order Information				
Ordering Code			63	80
LAS-xx/3P			2063310	2080310
LAS-xx/4P			2063410	2080410
LAS-xx/3PT (with terminal cover)			2063311	2080311
LAS-xx/4PT (with terminal cover)			2063411	2080411

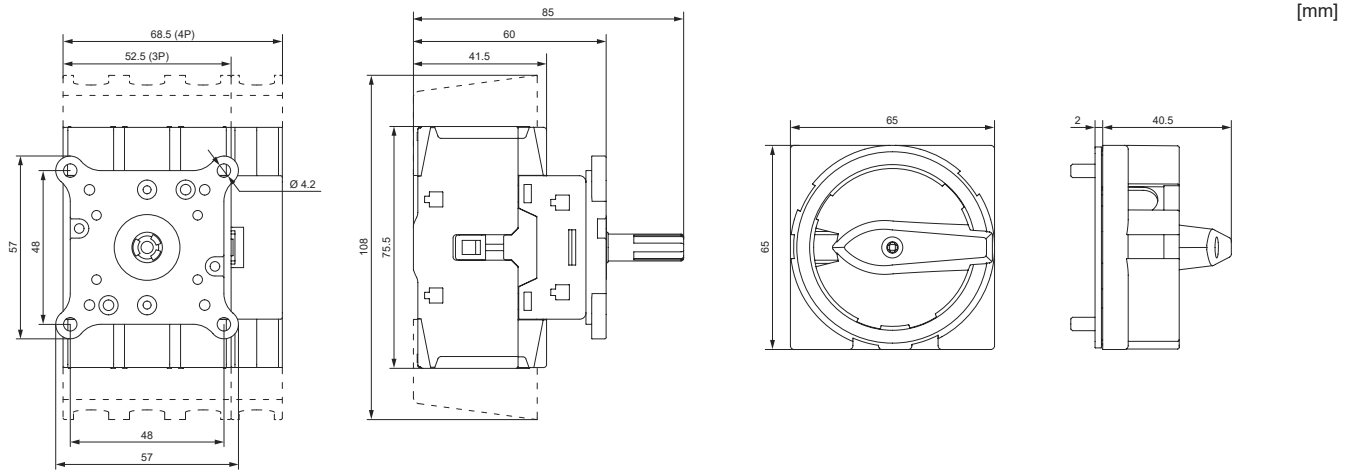
LAS-xx/3P(T) & LAS-xx/4P(T)

Electrical Schematic Diagram

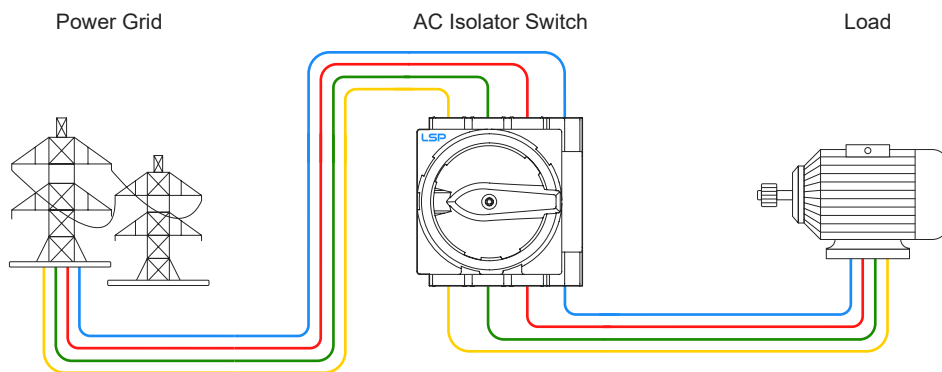
Type	2P	3P	4P
Contacts Wiring Draph			

4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions



Easy Installation Instructions



AC Isolator Switch

LAS-xx/3P(T) & LAS-xx/4P(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

LAS Series AC isolator switch is designed for industrial power management applications, offering outstanding reliability and operational flexibility. Available in 3-pole and 4-pole configurations with rated currents of 40 A, 80 A, and 125 A, the series supports voltages up to 800 VAC. Engineered for demanding environments

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Technical Data

LAS-xx/3P(T) & LAS-xx/4P(T)

LAS-100/3P

LAS-100/4P

LAS-125/3P

LAS-125/4P

Electrical Characteristic			
Rated Operational Current (AC-21A / AC-21B)	I _e	≤ 690 V	100 A / 100 A
Rated Operational Current (AC-22A / AC-22B)	I _e	415 V	100 A / 100 A
		500 V	100 A / 100 A
		690 V	80 A / 100 A
Rated Operational Current (AC-23A / AC-23B)	I _e	415 V	100 A / 100 A
		500 V	80 A / 80 A
		690 V	63 A / 63 A
Rated Operational Power (3-Phase, AC-23A)		415 V	45 kW
		500 V	45 kW
		690 V	45 kW
Rated Conditional Short-Circuit Current (with Fuse Protection)			
Coordinating Fuse Class		415 V	100 A
Rated Conditional Short-Circuit Current		415 V	25 kA
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, t ≤ 0.3 s)			
Rated Conditional Short-Circuit Current		0.3 S	5 kA
Short-Circuit Performance (Unprotected)			
Rated Short-Time Withstand Current	I _{cw}	1 S	2.75 kA
Rated Short-Circuit Making Capacity	I _{cm}		3.9 kA
Rated Insulation Voltage	U _i		800 V
Rated Impulse Withstand Voltage	U _{imp}		8 kV
Accessories			Terminal cover (T)
Installation Environment			
Degree of Protection			IP20
Mechanical Endurance			100000
Ambient Temperature	Operating		-25 °C to +55 °C
	Storage		-40 °C to +70 °C
Mounting Type			Vertically or horizontally
Pollution Degree			3
Order Information			
Ordering Code		100	125
LAS-xx/3P		2100310	2125310
LAS-xx/4P		2100410	2125410
LAS-xx/3PT (with terminal cover)		2100311	2125311
LAS-xx/4PT (with terminal cover)		2100411	2125411

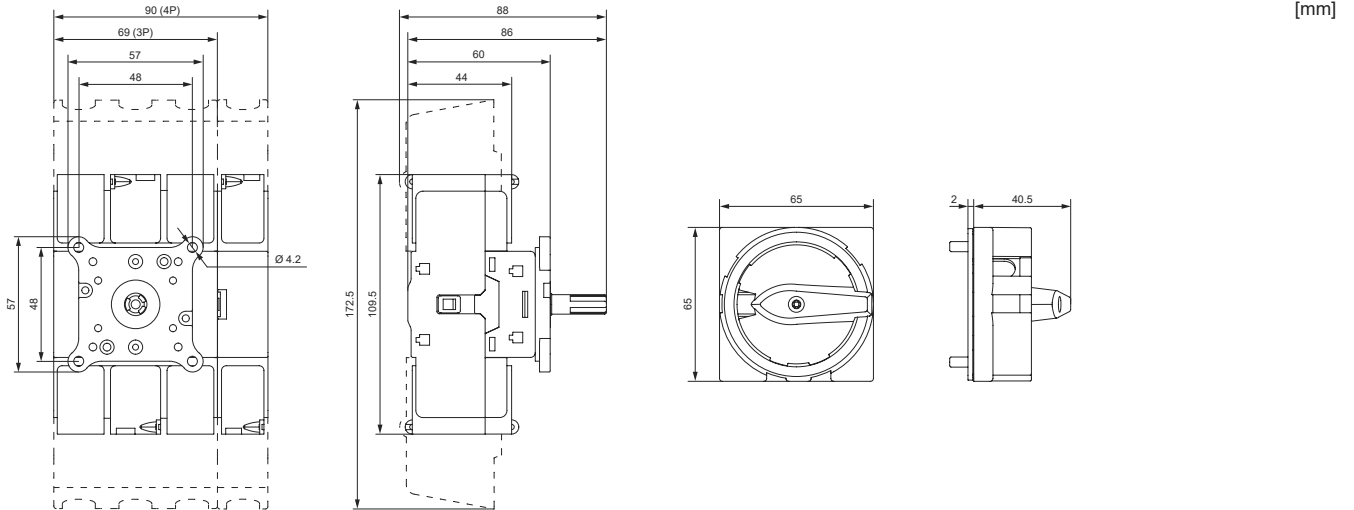
LAS-xx/3P(T) & LAS-xx/4P(T)

Electrical Schematic Diagram

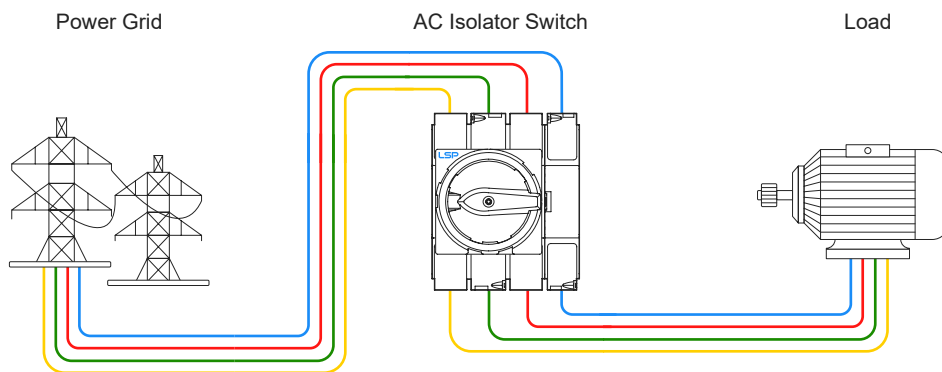
Type	2P	3P	4P
Contacts Wiring Draph			

4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions



Easy Installation Instructions



AC Isolator Switch

LAS-xx/3D(T) & LAS-xx/4D(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

LAS Series AC isolator switch is designed for industrial power management applications, offering outstanding reliability and operational flexibility. Available in 3-pole and 4-pole configurations with rated currents of 40 A, 80 A, and 125 A, the series supports voltages up to 800 VAC. Engineered for demanding environments

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Technical Data

LAS-xx/3D(T) & LAS-xx/4D(T)			LAS-16/4D	LAS-20/4D	LAS-25/4D	LAS-32/4D	LAS-40/4D
Electrical Characteristic							
Rated Operational Current (AC-21A / AC-21B)	I _e	≤ 690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
Rated Operational Current (AC-22A / AC-22B)	I _e	415 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		500 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	32 A / 40 A
Rated Operational Current (AC-23A / AC-23B)	I _e	415 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	32 A / 32 A	40 A / 40 A
		500 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	25 A / 25 A	25 A / 25 A
		690 V	16 A / 16 A	20 A / 20 A	25 A / 25 A	25 A / 25 A	25 A / 25 A
Rated Operational Power (3-Phase, AC-23A)		415 V	7.5 kW	9 kW	11 kW	15 kW	18.5 kW
		500 V	7.5 kW	9 kW	11 kW	15 kW	18.5 kW
		690 V	7.5 kW	11 kW	15 kW	15 kW	18.5 kW
Rated Conditional Short-Circuit Current (with Fuse Protection)							
Coordinating Fuse Class		415 V	16 A	20 A	25 A	32 A	40 A
Rated Conditional Short-Circuit Current		415 V			50 kA		
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, t ≤ 0.3 s)							
Rated Conditional Short-Circuit Current		0.3 S			2.5 kA		
Short-Circuit Performance (Unprotected)							
Rated Short-Time Withstand Current	I _{cw}	1 S			1.26 kA		
Rated Short-Circuit Making Capacity	I _{cm}				1.8 kA		
Rated Insulation Voltage	U _i				800 V		
Rated Impulse Withstand Voltage	U _{imp}				8 kV		
Accessories					Terminal cover (T)		
Installation Environment							
Degree of Protection					IP20		
Mechanical Endurance					100000		
Ambient Temperature		Operating			-25 °C to +55 °C		
		Storage			-40 °C to +70 °C		
Mounting Type					Vertically or horizontally		
Pollution Degree					3		
Order Information							
Ordering Code			16	20	25	32	40
LAS-xx/3D			2016320	2020320	2025320	2032320	2040320
LAS-xx/4D			2016420	2020420	2025420	2032420	2040420
LAS-xx/3DT (with terminal cover)			2016321	2020321	2025321	2032321	2040321
LAS-xx/4DT (with terminal cover)			2016421	2020421	2025421	2032421	2040421

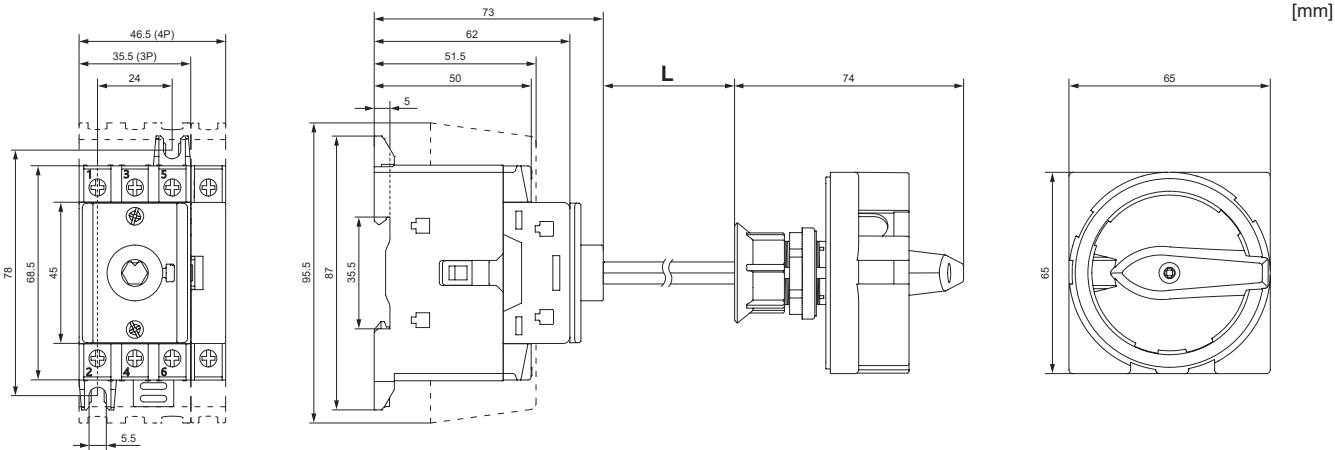
LAS-xx/3D(T) & LAS-xx/4D(T)

Electrical Schematic Diagram

Type	2P	3P	4P
Contacts Wiring Draph			

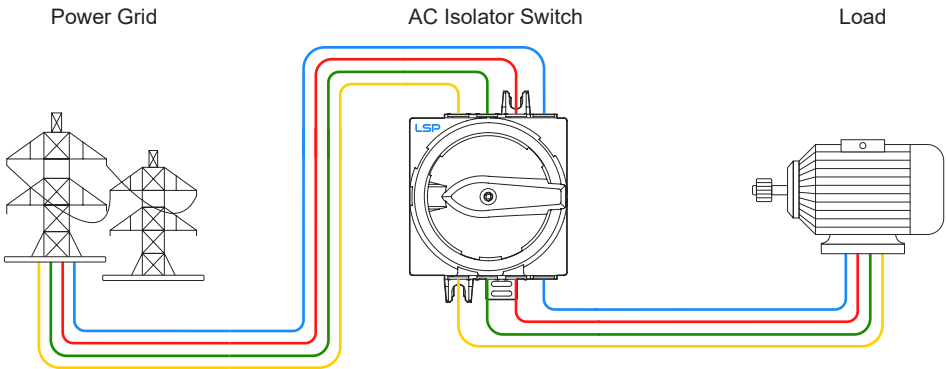
4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions



Standard Shaft Extension Length (L): 150, 200, 320 mm (customizable upon request).

Easy Installation Instructions



AC Isolator Switch

LAS-xx/3D(T) & LAS-xx/4D(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

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Technical Data

LAS-xx/3D(T) & LAS-xx/4D(T)

LAS-63/3D

LAS-63/4D

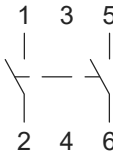
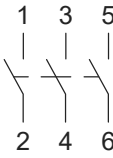
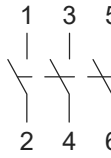
LAS-80/3D

LAS-80/4D

Electrical Characteristic				
Rated Operational Current (AC-21A / AC-21B)	I _e	≤ 690 V	63 A / 63 A	80 A / 80 A
Rated Operational Current (AC-22A / AC-22B)	I _e	415 V	63 A / 63 A	80 A / 80 A
		500 V	63 A / 63 A	80 A / 80 A
		690 V	40 A / 63 A	63 A / 80 A
Rated Operational Current (AC-23A / AC-23B)	I _e	415 V	63 A / 63 A	80 A / 80 A
		500 V	63 A / 63 A	63 A / 63 A
		690 V	40 A / 40 A	40 A / 40 A
Rated Operational Power (3-Phase, AC-23A)		415 V	30 kW	37 kW
		500 V	30 kW	37 kW
		690 V	30 kW	37 kW
Rated Conditional Short-Circuit Current (with Fuse Protection)				
Coordinating Fuse Class		415 V	63 A	80 A
Rated Conditional Short-Circuit Current		415 V		50 kA
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, t ≤ 0.3 s)				
Rated Conditional Short-Circuit Current		0.3 S		3 kA
Short-Circuit Performance (Unprotected)				
Rated Short-Time Withstand Current	I _{cw}	1 S		1.5 kA
Rated Short-Circuit Making Capacity	I _{cm}			2.1 kA
Rated Insulation Voltage	U _i			800 V
Rated Impulse Withstand Voltage	U _{imp}			8 kV
Accessories				Terminal cover (T)
Installation Environment				
Degree of Protection				IP20
Mechanical Endurance				100000
Ambient Temperature		Operating		-25 °C to +55 °C
		Storage		-40 °C to +70 °C
Mounting Type				Vertically or horizontally
Pollution Degree				3
Order Information				
Ordering Code			63	80
LAS-xx/3D			2063320	2080320
LAS-xx/4D			2063420	2080420
LAS-xx/3DT (with terminal cover)			2063321	2080321
LAS-xx/4DT (with terminal cover)			2063421	2080421

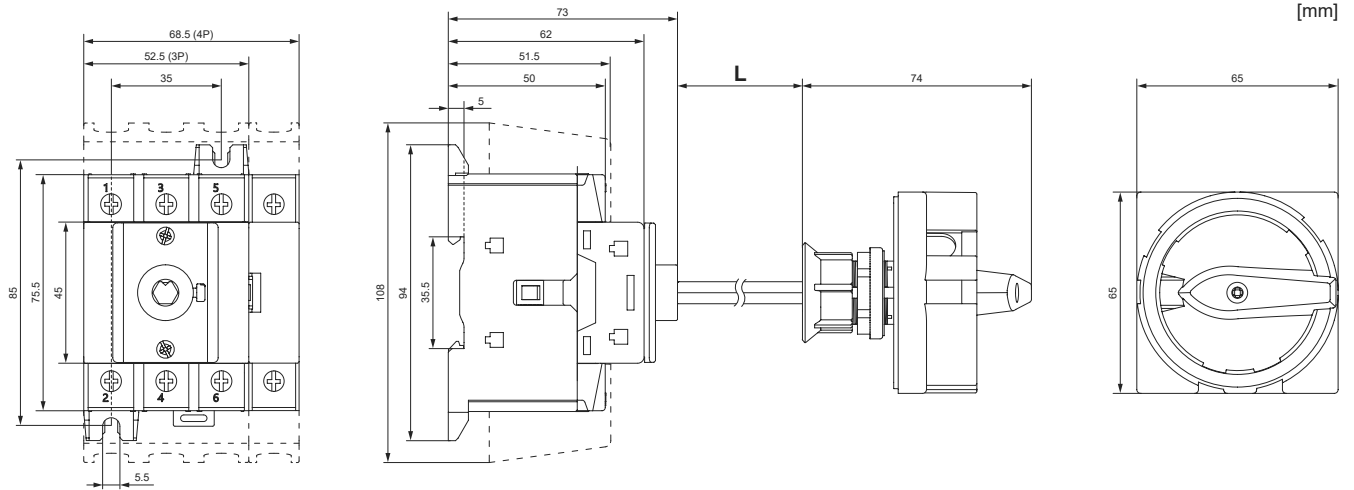
LAS-xx/3D(T) & LAS-xx/4D(T)

Electrical Schematic Diagram

Type	2P	3P	4P
Contacts Wiring Draph			

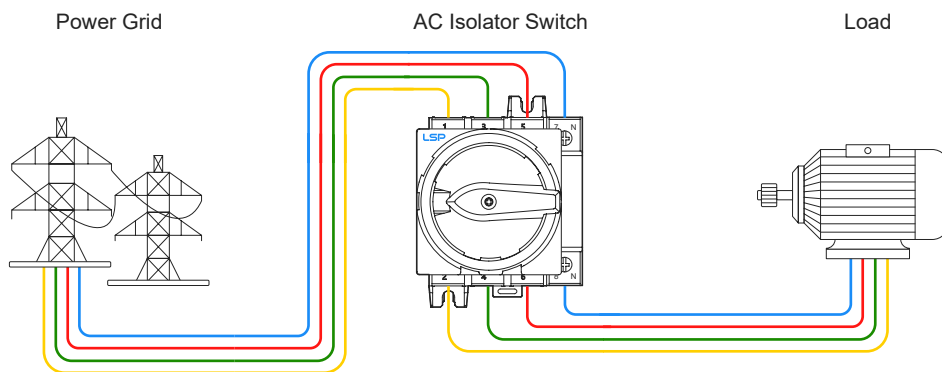
4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions



Standard Shaft Extension Length (L): 150, 200, 320 mm (customizable upon request).

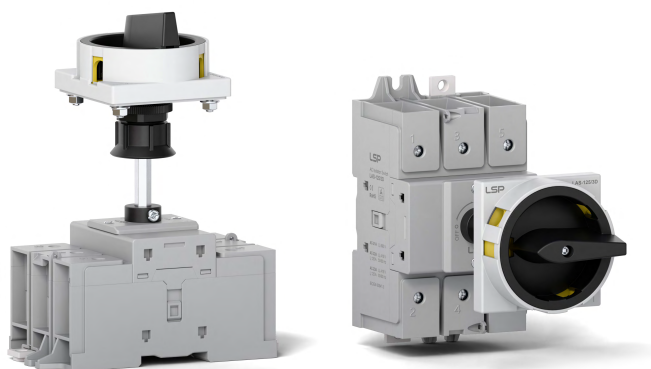
Easy Installation Instructions



AC Isolator Switch

LAS-xx/3D(T) & LAS-xx/4D(T)

AC Disconnect Switch



- Compliance: IEC/EN 60947-3
- Ingress Protection: IP20
- OFF-position lockable
- UV-resistant, Flame-retardant (UL 94 V-0)
- Utilization Category: AC-21A / AC-21B
AC-22A / AC-22B
AC-23A / AC-23B

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Technical Data

LAS-xx/3D(T) & LAS-xx/4D(T)

LAS-100/3D

LAS-125/3D

LAS-100/4D

LAS-125/4D

Electrical Characteristic				
Rated Operational Current (AC-21A / AC-21B)	I _e	≤ 690 V	100 A / 100 A	125 A / 125 A
Rated Operational Current (AC-22A / AC-22B)	I _e	415 V	100 A / 100 A	125 A / 125 A
		500 V	100 A / 100 A	125 A / 125 A
		690 V	80 A / 100 A	100 A / 125 A
Rated Operational Current (AC-23A / AC-23B)	I _e	415 V	100 A / 100 A	125 A / 125 A
		500 V	80 A / 80 A	100 A / 100 A
		690 V	63 A / 63 A	63 A / 63 A
Rated Operational Power (3-Phase, AC-23A)		415 V	45 kW	55 kW
		500 V	45 kW	55 kW
		690 V	45 kW	55 kW
Rated Conditional Short-Circuit Current (with Fuse Protection)				
Coordinating Fuse Class		415 V	100 A	125 A
Rated Conditional Short-Circuit Current		415 V		25 kA
Rated Conditional Short-Circuit Current (with Circuit Breaker Protection, t ≤ 0.3 s)				
Rated Conditional Short-Circuit Current		0.3 S		5 kA
Short-Circuit Performance (Unprotected)				
Rated Short-Time Withstand Current	I _{cw}	1 S		2.75 kA
Rated Short-Circuit Making Capacity	I _{cm}			3.9 kA
Rated Insulation Voltage	U _i			800 V
Rated Impulse Withstand Voltage	U _{imp}			8 kV
Accessories				Terminal cover (T)

Installation Environment

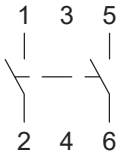
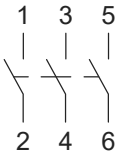
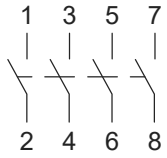
Degree of Protection		IP20
Mechanical Endurance		100000
Ambient Temperature	Operating	-25 °C to +55 °C
	Storage	-40 °C to +70 °C
Mounting Type		Vertically or horizontally
Pollution Degree		3

Order Information

Ordering Code	100	125
LAS-xx/3D	2100320	2125320
LAS-xx/4D	2100420	2125420
LAS-xx/3DT (with terminal cover)	2100321	2125321
LAS-xx/4DT (with terminal cover)	2100421	2125421

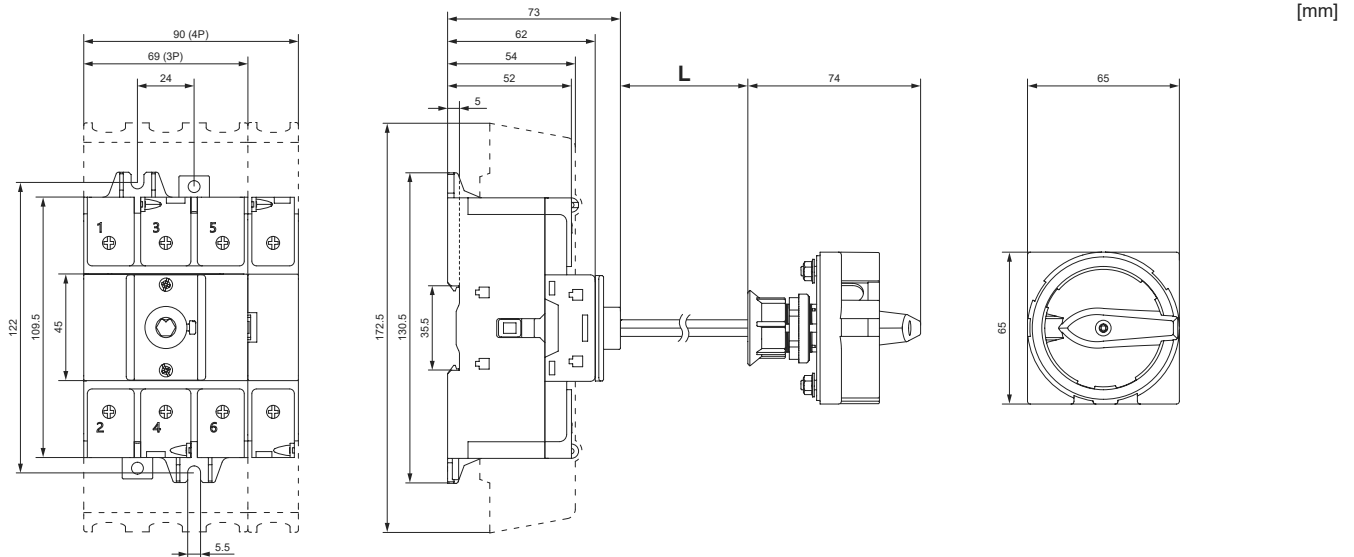
LAS-xx/3D(T) & LAS-xx/4D(T)

Electrical Schematic Diagram

Type	2P	3P	4P
Contacts Wiring Draph			

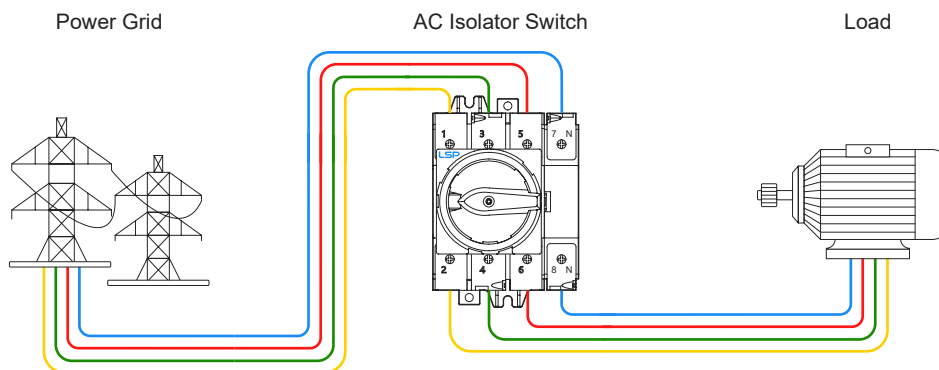
4-pole wiring shall be installed and connected in conjunction with module LAS-xx/N.
For detailed wiring instructions, please refer to the installation instruction.

Dimensions

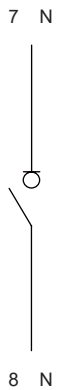


Standard Shaft Extension Length (L): 150, 200, 320 mm (customizable upon request).

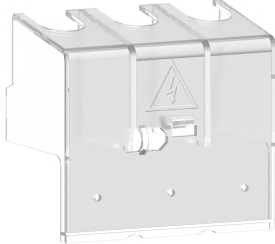
Easy Installation Instructions



Side Mount Add-on Poles

Type	Applied to	Threshold Current I_{th}	Width	Function
LAS-40/N	 LAS-40/3 LAS-40/3D	40 A	11 mm	
LAS-40/NP	 LAS-40/3P			
LAS-80/N	 LAS-80/3 LAS-80/3D	80 A	16 mm	
LAS-80/NP	 LAS-80/3P			
LAS-125/N	 LAS-125/3 LAS-125/3D	125 A	21 mm	
LAS-125/NP	 LAS-125/3P			

Terminal cover

	Type	Applied to	Poles
LAS-40/T3		For the main body switch of 40A	3
LAS-40/T1		For the fourth pole of 40A	1
LAS-80/T3		For the main body switch of 80A	3
LAS-80/T1		For the fourth pole of 80A	1
LAS-125/T3		For the main body switch of 125A	3
LAS-125/T1		For the fourth pole of 125A	1