

# SL Series Silent Magnetic Contactor

Recommended for applications that require silent switching

## ■ Features

- Greatly reduces noise during switching  
(10 to 15 dBA reduction compared with our previous products)
- Operating coil of AC/DC common-use type
- Built-in coil-surge suppression device

Operation noise level comparison is available from here

<http://fujielectric-fa-movie.com/silent/video-nb/>



## ■ Application

- Elevator (No machine room)



- Electric water heater



- Hospitals, libraries, art galleries, museums, movie theaters, etc.



## ■ Types and Ratings

Rating		Conventional free air thermal current (Rated thermal current)	Type	Auxiliary contact arrangement	Coil voltage (Voltage code) *1
Rated operational current (AC-3)					
AC 200 - 240 V	AC 380 - 440 V				
9 A	9 A	20 A	SL09-□11 SL09-□22	1NO+1NC 2NO+2NC	24 V [E] *2 48 V [F] 100 V [1] 110 V [H] 200 V [2] 220 V [M] 240 V [P]
25 A	25 A	32 A	SL25-□11 SL25-□22	1NO+1NC 2NO+2NC	
40 A	40 A	60 A	SL40-□11 SL40-□22	1NO+1NC 2NO+2NC	
65 A	65A	100A	SL65-□11 <b>NEW</b> SL65-□22 <b>NEW</b>	1NO+1NC 2NO+2NC	
80A	80A	105A	SL80-□11 <b>NEW</b>	1NO+1NC	

Note 1: The coil voltage designation code is indicated inside the □ of the product code column.

Note 2: AC-4 application is not applicable.

\*1 The designation code is indicated inside the [ ]. \*2 For SL65 and SL80, 24V coil models cannot be manufactured.

## ■ Operating coil voltage

Coil voltage code	Designation code	Coil voltage and frequency	
		AC	DC
24 V *1	E	24 V, 50/60 Hz	24 V
48 V	F	48 V, 50/60 Hz	48 V
100 V	1	100 V, 50/60 Hz	100 V
110 V	H	110 V, 50/60 Hz	110 V
200 V	2	200 V, 50/60 Hz	200 V
220 V	M	220 V, 50/60 Hz	220 V
240 V	P	240 V, 50/60 Hz	240 V

\*1 Cannot be manufactured for SL65 and SL80.

## ■ Operating coil characteristics

Type	Coil (magnet) power consumption	
	110 V, 50 Hz	110 V DC
SL09	7.5 VA	7 W
SL25		
SL40	9.7 VA	9 W
SL65	15 VA	12 W
SL80		

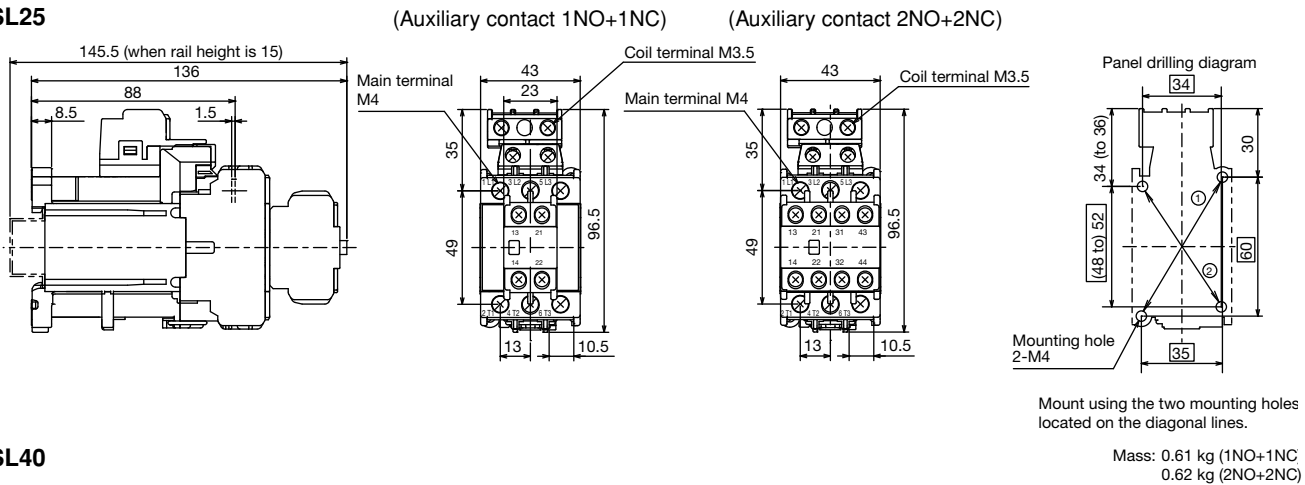
Note 1: The coil rating is 110 V, 50 Hz/60 Hz and 110 V DC.

Note 2: The operating voltage fluctuation range is 85 to 110% of the rated voltage.

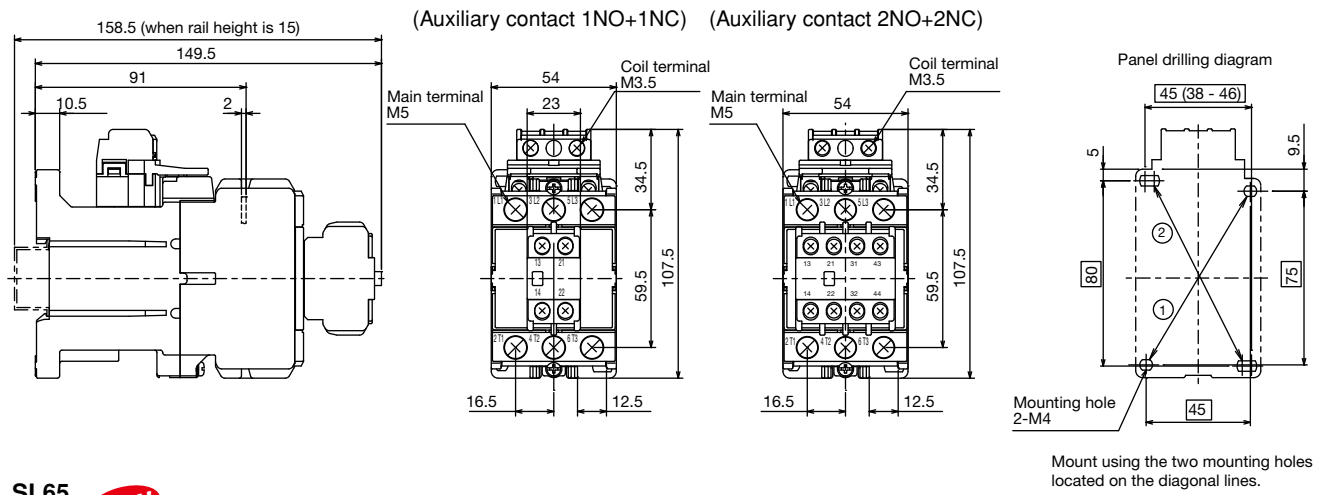
## ■ Dimensions, mm

SL09

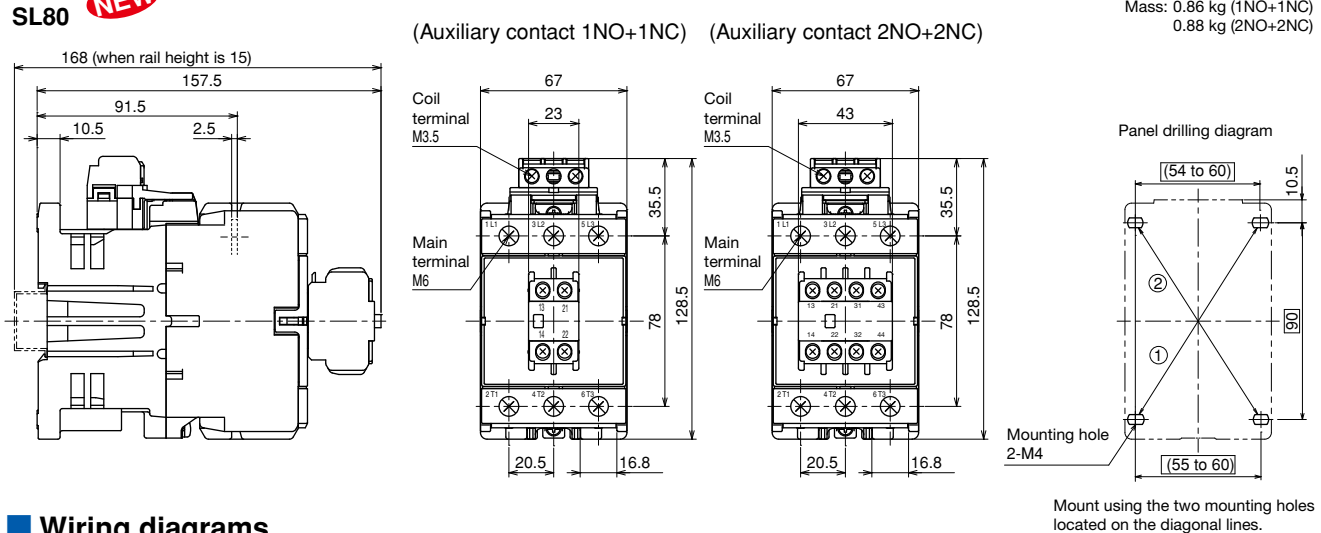
SL25



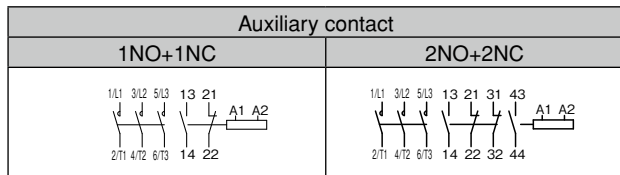
SL40



SL65 **NEW**



## ■ Wiring diagrams



Front and side mounting auxiliary contact units cannot be attached to one contactor together.

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