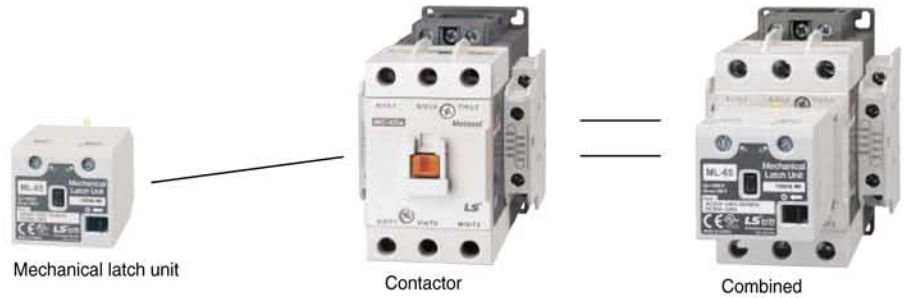


Mechanical latch unit, AL



Ratings



ML-65

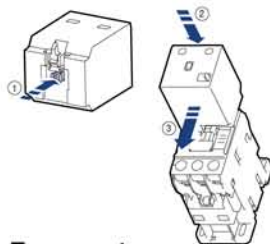


Applying contactors	Type	Coil voltage of latch unit													
MC-6a/L MC-9a/L MC-12a/L MC-18a/L MC-9b/L MC-12b/L MC-18b/L MC-22b/L MC-32a/L MC-40a/L MC-50a/L MC-65a/L	ML-65	<table border="1"> <thead> <tr> <th>Ordering voltage</th> <th>Operation voltage</th> </tr> </thead> <tbody> <tr> <td>AC 24V/ DC 24V</td> <td>AC 24V 50/60Hz, DC 24V</td> </tr> <tr> <td>AC 48V/ DC 48V</td> <td>AC 48V 50/60Hz, DC 48V</td> </tr> <tr> <td>AC 100V/DC 100V</td> <td>AC 100~127V 50/60Hz, DC 100V~125V</td> </tr> <tr> <td>AC 200V/DC 200V</td> <td>AC 200~240V 50/60Hz, DC 200V~220V</td> </tr> <tr> <td>AC 400V</td> <td>AC 380V~440V 50/60Hz</td> </tr> </tbody> </table>	Ordering voltage	Operation voltage	AC 24V/ DC 24V	AC 24V 50/60Hz, DC 24V	AC 48V/ DC 48V	AC 48V 50/60Hz, DC 48V	AC 100V/DC 100V	AC 100~127V 50/60Hz, DC 100V~125V	AC 200V/DC 200V	AC 200~240V 50/60Hz, DC 200V~220V	AC 400V	AC 380V~440V 50/60Hz	
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AC 400V	AC 380V~440V 50/60Hz														
MC-75a/L MC-85a/L MC-100a/L MC-130a/L MC-150a/L	ML-150														
MC-180a/L, 225a/L	AL-220	<table border="1"> <thead> <tr> <th>Ordering voltage</th> <th>Operation voltage</th> </tr> </thead> <tbody> <tr> <td>AC100V</td> <td>100~127V 50/60Hz</td> </tr> <tr> <td>AC200V</td> <td>200~240V 50/60Hz</td> </tr> </tbody> </table>	Ordering voltage	Operation voltage	AC100V	100~127V 50/60Hz	AC200V	200~240V 50/60Hz							
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AC200V	200~240V 50/60Hz														
MC-265a/L, 330a/L, 400a/L	AL-400														

* Coils for 24, 48, 100, 200V are AC / DC common.

Note) Latch units for upto MC-150 are supplied separately. From MC-180 the units are assembled at factory.

To install



1. Push the black bar
2. Position the Latch on the top of the contactor
3. Pull in the direction of the arrow until snapping

To separate



1. Pull the black lever in the direction of the arrow.
2. Pull up the yellow lever.
3. Push the latch in the direction of the arrow.