

CTX³ mini / RTX³ mini / CTX³ control relays

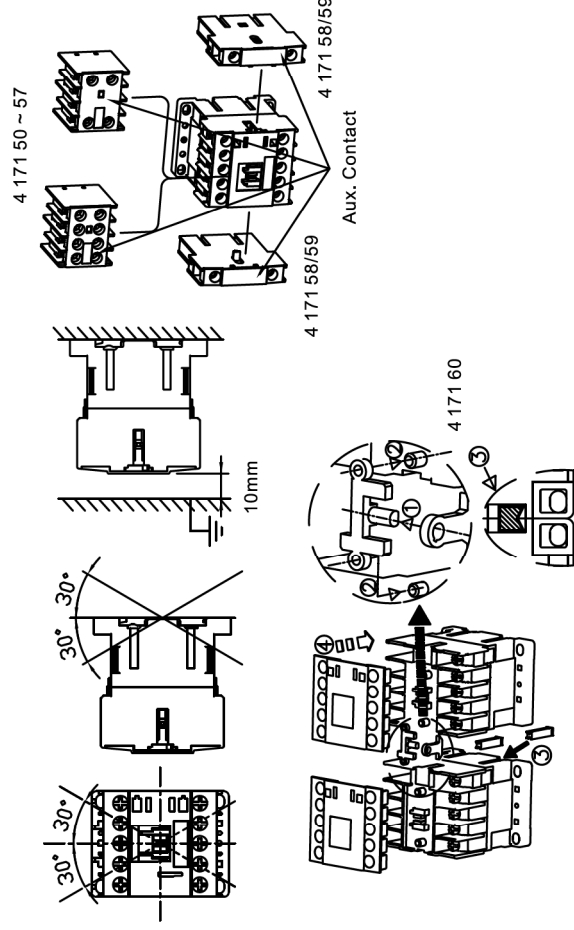
This manual should be given to the person who actually uses the products and is responsible for their maintenance.

⚠ WARNING

1. Turn off all power before starting maintenance or installation of the product.
Failure to turn off power may result in electrical shock or burns.
2. Please, make sure that the terminals are tightened correctly.
Loose connection may cause fire.
3. Do not use the product with its top cover removed, it may cause electrical shock or burn.
4. Refer to rating label on product for electrical and mechanical specifications.

■ Handling instruction

Install onto a place free from vibration and humidity



■ Coil

The extension of Aux. contacts is different according to the power consumption.

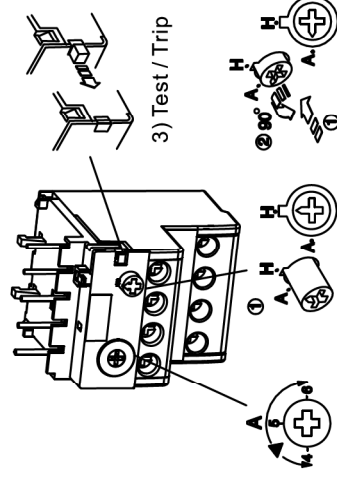
Frame Size	Type	Consumption Power		Extended amount of Aux. Contacts
		Inrush	Sealed	
CTX ³ mini	AC	32VA	6VA	6
		3W	3W	6
	DC	2W	2W	2
		1.2W	1.2W	Not extended Aux. Contacts

■ Thermal overload relay (class 10A) 4 171 80 ~ 93

1. Turn the current setting dial arrow to the appropriate amperage setting. For service factors other than 1.00, increase the current setting by the service factor percentage. Relays may be set up to 30% higher than the maximum motor amperage.
2. Select either manual overload reset(H) or automatic reset(A) by depressing and rotating the selection button so that the arrow points to the desired mode.
3. In manual mode, after tripping, check the causes of overload and reset the relay by depressing the reset button after sufficient cooling time has elapsed.
4. In automatic mode, after tripping, check the causes of overload. The relay will only reset after sufficient cooling time has elapsed.
5. To test the trip function, lift the red trip indicator.(manual reset mode only)

■ Size of wire connecting torque

Screw	Wire (mm ²)	Torque (Nm)
M3.5	1.25~2	0.8



1) Dial setting 2) Manual reset / Automatic reset

After removing the cover, assemble interlock unit.

