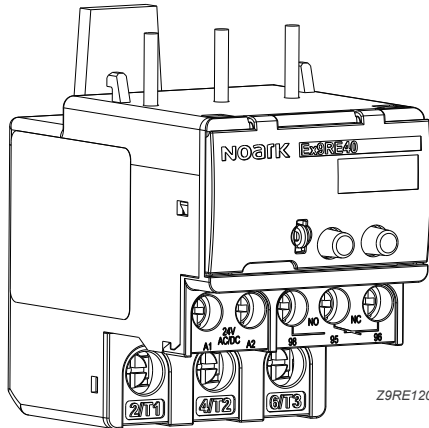


## Installation Instructions Notice d'installation Instrucciones de montaje

Ex9RE40 Electronic overload relay





















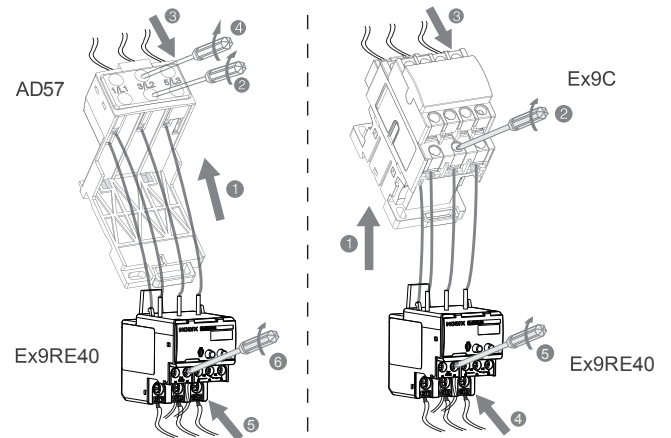
Z9RE1202010NA

### WARNING

**DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. DEATH, SEVERE PERSONAL INJURY, OR SUBSTANTIAL PROPERTY DAMAGE CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING WITH THE TASK, AND ALWAYS FOLLOW GENERALLY ACCEPTED SAFETY PROCEDURES.**

**NOARK IS NOT LIABLE FOR THE MISAPPLICATION OR MISSAPPLICATION OF IT'S PRODUCTS.**

	M4 2.0 N·m [18 Lb.in]								
	1~10 [18~8]								
	M3 0.8 N·m [7 Lb.in]								
	1~2.5 [18~12]								



Assembly with mounting base AD57 or contactor Ex9C09-38

### **Warning!**

**Motor may start automatically. Automatic start may injure persons and damage machines. Automatic restart is possible when "automatic reset" is active.**

### **Avertissement!**

**Le redémarrage automatique du moteur peut provoquer des dégâts matériels et être dangereux pour personnes. Ce danger du redémarrage automatique correspond au mode «réarmement automatique» .**

### **¡Advertencia!**

**El motor puede arrancar automáticamente. El arranque automático es posible cuando e/ "botón de reset" está en posición automático y e/ circuito de maniobra activado.**

Current setting

DIP switch 2)

2) Select function by DIP SW.

- DIP SW1: Phase(Current unbalance) protection OFF/ON
- DIP SW2: Motor jam protection OFF/ON
- DIP SW3: Motor stall protection OFF/ON
- DIP SW4: Reset mode Manual/Auto

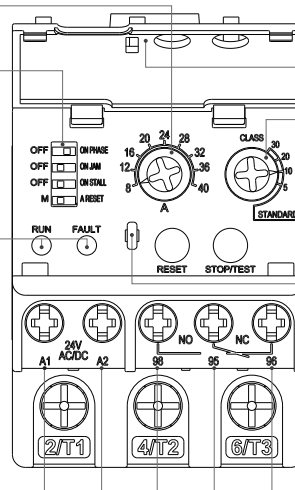
Action indication 1)

1) Combined signals from red and green LEDs indicate motor status including trip causes.

Condition	LED Signal(Pulse Chart)	
	Green LED	Red LED
Power on	On	Off
Steady state	On	Off
Current unbalance	Off	On
Stall	Off	On
Jam	Off	On
Others	Off	On

Power supply

(24V AC/DC; 110~120V AC;220~240V AC)



Transparent cover

Trip Class setting

Trip class	Tripping time Tp (s)
5	0.5 < Tp ≤ 5
10	4 < Tp ≤ 10
20	6 < Tp ≤ 20
30	9 < Tp ≤ 30

Cover lock

Z9RE1202010NA

Auxiliary contacts



### Dangerous Electrical Current!

Only skilled qualified persons may carry out the following operations.

### Tension électrique dangereuse!

Seules les personnes qualifiées et averties doivent exécuter les travaux ci-après.

### ¡Corriente eléctrica! ¡Peligro de muerte!

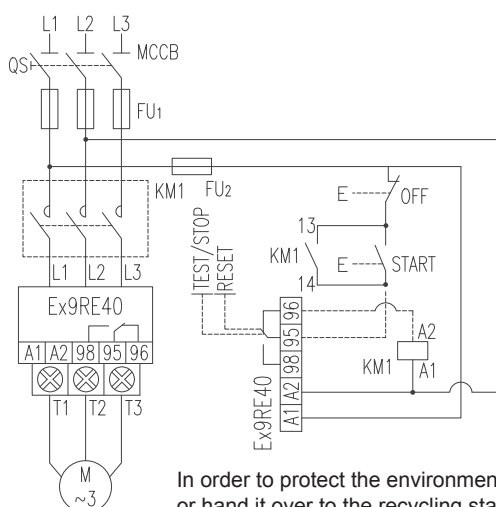
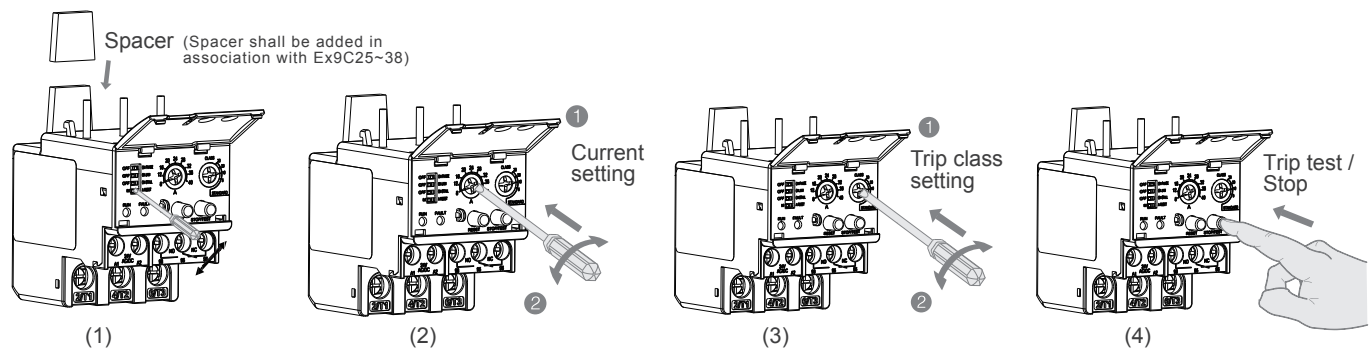
El trabajo a continuación descrito debe ser realizado por personas cualificadas y advertidas.



Disconnect all power before working on equipment.

Coupez toutes les alimentations avant de travailler sur l'équipement.

Desconecte la alimentación antes de trabajar en equipo.



			(mm <sup>2</sup> )	Torque (N·m)
			AWG	(in·lb)
Control terminal		7	1...2.5	0.8
		1/4	18...14	7
Load terminal		12	1.5...10	2.0
		2/4	18...8	18
			1.5...10	
			18...8	

# NOARK



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In order to protect the environment, when the product or its components are scrapped, please dispose of it as industrial waste; or hand it over to the recycling station for disaggregation, recycling and reuse according to relevant national regulations.