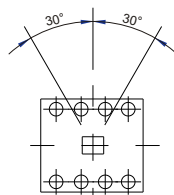
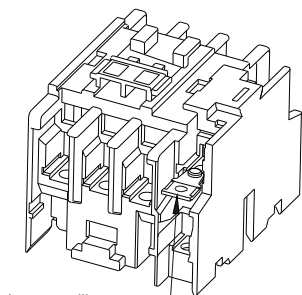
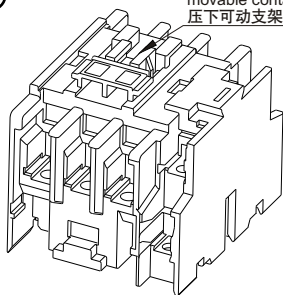


垂直面  
Vertical



垂直面  
Vertical

② Press down movable contact carrier  
压下可动支架



Insert auxiliary  
NC contact assembly  
装入辅助接点

Release movable contact carrier and check auxiliary NC contact assembly is close  
放开可动支架，检查接触器是否能正常动作

## 交流接触器 Contactor

**EW●007,EW●009,EW●012,EW●016,  
EW●020,EW●025,EW●030,EW●032,  
EW●038,EW●040,EW●050,EW●063,  
EW●070,EW●100,EW●120,EW●150,  
EW●180,EW●220,EW●300**

- - C 线圈控制电压 220V AC 50/60Hz
- G 线圈控制电压 380V AC 50Hz
- E 线圈控制电压 24V DC/AC 50Hz

### 注意事项:

- 若需要检修时，应先切断电源再进行检修。
- 使用本产品时，必需小心轻放，避免碰撞及掉落。
- 接触器若需使用侧装式辅助接点组或机械连锁组时必须确保接触器侧边防尘贴纸已撕干净。

若电磁接触器采用滑轨固定时，在拆卸时必须使用正确尺寸之“一”字螺丝起子依滑轨门动作方向拆除。

### 使用环境:

- 操作温度: -20°C ~ +55°C
- 储存温度: -40°C ~ +70°C
- 相对湿度: 45% ~ 85%.
- 高度: 低于2000m.

### 安装及配线:

- 确认电磁接触器规格(主,补接点容量,补接点型式,线圈电压,频率)是否正确。
- 依规定方式安装，安装角度须在下列范围内:
- 配线时依规格选用压接端子及配线之线径,并依序进行配线。
- 依下表配线时,锁线扭力值如下:

型 号	项 目	螺丝尺寸	扭力(kgf.cm)
EW●007 EW●009 EW●012 EW●016	主回路端子	M3.5	6.5 ~ 10
EW●020 EW●025	主回路端子	M4	10 ~ 15
EW●030 EW●032 EW●038 EW●040	主回路端子	M5	20 ~ 30
EW●050 EW●063 EW●070	主回路端子	M6	35 ~ 50
EW●100 EW●120 EW●150	主回路端子	M8	85 ~ 120
EW●180 EW●220 EW●300	主回路端子	M10	150 ~ 200
全系列	辅助接点及线圈端子	M3.5	6.5 ~ 10

\* 锁线扭力请勿大于上述扭力值，以免造成螺丝滑牙现象。

### 更换补b接点组

- 按照图(b)步骤更换补b接点组

### 更换线圈:

若有必要更换线圈时，必须注意下列事项:

- 正确的将产品拆解;
- 将原有线圈更换至所需规格(额定电压,频率)的线圈;
- 依拆解步骤之反向动作将产品重新组合;
- 测试产品能正常动作。

## 质量保证

海格公司产品自生产之日起，均有24个月的质量保证期。任何产品有质量上的问题可以通过供应商(代理商)联系退货。  
质量保证不含下列情况:  
- 经海格公司质量控制部门或海格公司技术人员的调查，发现产品使用不符合IEE规范或工业安装标准;  
- 退换产品若未按既定程序，海格公司将不予受理; 退货时必须出具相关的故障说明。

## 用户指南

## user instructions

- - C Coil control voltage 220V AC 50/60Hz
- G Coil control voltage 380V AC 50Hz
- E Coil control voltage 24V DC/AC 50Hz

### Attention:

- Turn off power before carrying out any maintenance.
- Please handle carefully and avoid abnormal vibration and shock.
- For contactor the dust-proof label on the side of frame must be tear off clearly, if side-mounted auxiliary contact block or mechanical interlock is used.

To dismantle the magnetic contactors which is mounted by DIN 35mm rail, right "-" screw driver shall be applied and handled in running direction.

### Service Environment:

- Functioning temperature : -20°C ~ +55°C
- Storage temperature : -40°C ~ +70°C
- Relative Humidity: 45% ~ 85%.
- Altitude: below 2000m.

### Installation and Wiring

- Ensure that the specifications (Rated power, arrangement of auxiliary contact, rated control voltage and frequency) meet the requirements.
- Mounting positions shall be within the ranges specified below:
- Select appropriate conductor and tighten with appropriate torque with right tool.
- Tightening torques for contactors are given below:

Type	Item	Screw / Blot	Torque(kgf.cm)
EW●007 EW●009 EW●012 EW●016	Main Terminal	M3.5	6.5 ~ 10
EW●020 EW●025	Main Terminal	M4	10 ~ 15
EW●030 EW●032 EW●038 EW●040	Main Terminal	M5	20 ~ 30
EW●050 EW●063 EW●070	Main Terminal	M6	35 ~ 50
EW●100 EW●120 EW●150	Main Terminal	M8	85 ~ 120
EW●180 EW●220 EW●300	Main Terminal	M10	150 ~ 200
All Series	Aux contact & coil terminal	M3.5	6.5 ~ 10

\*Tightening torque shall be within the values given above to avoid deteriorating the screws.

Installation of auxiliary N.C contact assembly if required.

- Assemble the auxiliary N.C contact assembly according to the steps shown in figures (b) if required.

### Replacement of the coil:

Follow the instructions if replacement of the coil is carried out.

- Dismantle the contactor in appropriate means.
- Replace the coil to requested coil.
- Assemble the contactor in a reverse sequence conducted in carried out step.
- Check that the contactor can be operated normally.

## Warranty

A warranty period of 24 months is offered on hager products, from date of manufacture, relating to any material of manufacturing defect. If any product is found to be defective it must be returned via the installer and supplier (wholesaler).

The warranty is withdrawn if:

- after inspection by hager quality control dept the device is found to have been installed in a manner which is contrary to IEE wiring regulations and accepted practice within the industry at the time of installation.
  - the procedure for the return of goods has not been followed.
- Explanation of defect must be included when returning goods.