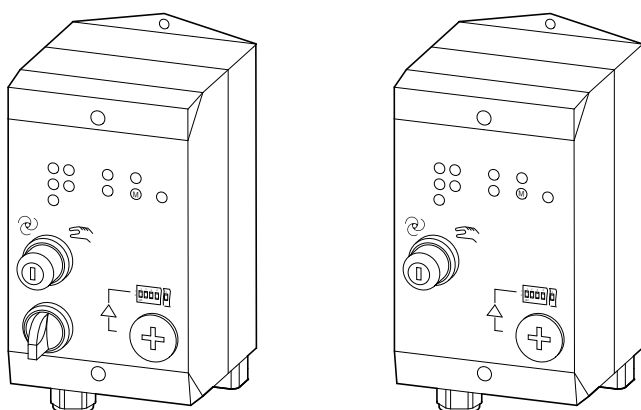
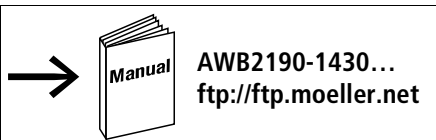


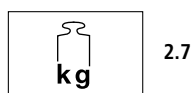
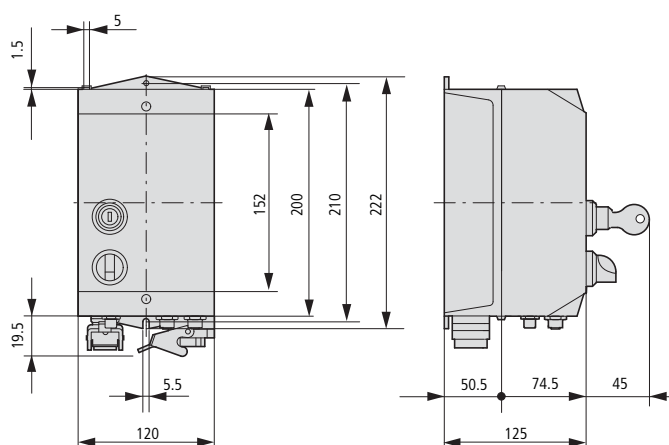
08/09 AWA2190-2058

## RA-MO...

→ Version 2.x, 3.0  
Versione 2.x, 3.0  
Versión 2.x, 3.0  
版本 2.x, 3.0  
Версия 2.x, 3.0



### Dimensions and weights – Abmessungen und Gewichte – Dimensions et poids – Dimensiones y pesos – Dimensioni e pesi – 尺寸和重量 – Размеры и веса [mm]



### (en) **Electric current! Danger to life!**

Only skilled or instructed persons may carry out the following operations.

### (de) **Lebensgefahr durch elektrischen Strom!**

Nur Elektrofachkräfte und elektrotechnisch unterwiesene Personen dürfen die im Folgenden beschriebenen Arbeiten ausführen.

### (fr) **Tension électrique dangereuse !**

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

### (es) **¡Corriente eléctrica! ¡Peligro de muerte!**

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

### (it) **Tensione elettrica: Pericolo di morte!**

Solo persone abilitate e qualificate possono eseguire le operazioni di seguito riportate.

### (zh) **触电危险!**

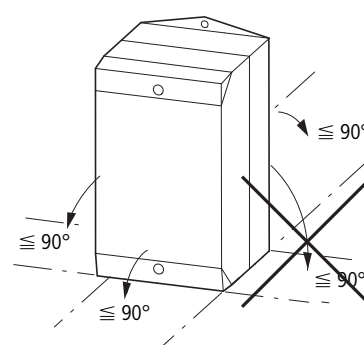
只允许专业人员和受过专业训练的人员进行下列工作。

### (ru) **Электрический ток! Опасно для жизни!**

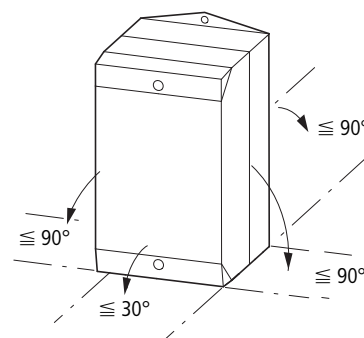
Только специалисты или проинструктированные лица могут выполнять следующие операции.

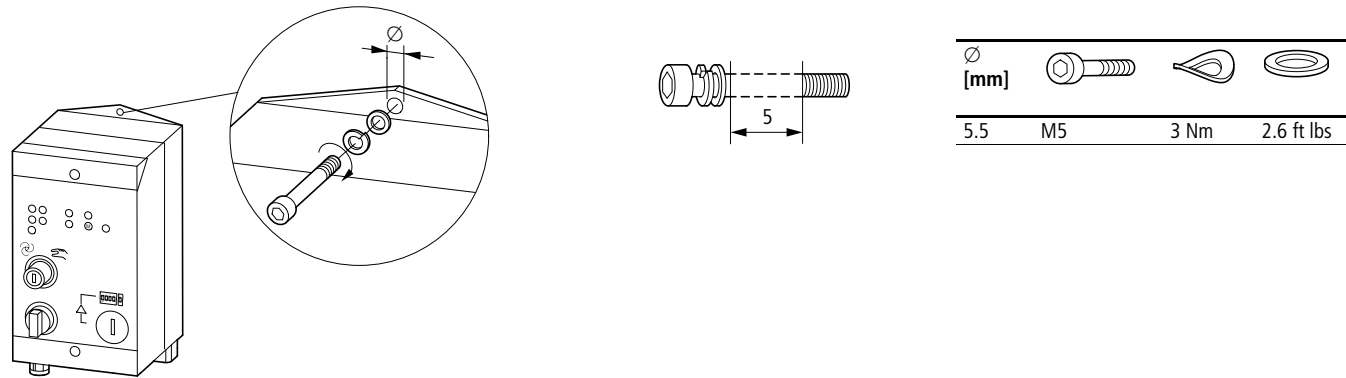
### Mounting position – Einbaulage – Position de montage – Posición de montaje – Posizione di montaggio – 安装位置 – Положение установки

Version 2.x  
Versione 2.x  
Versión 2.x  
版本 2.x  
Версия 2.x

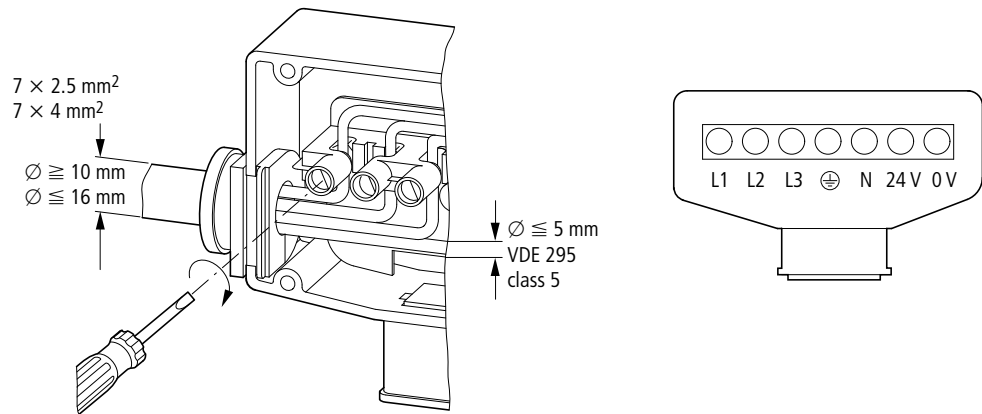


Version 3.0  
Versione 3.0  
Versión 3.0  
版本 3.0  
Версия 3.0

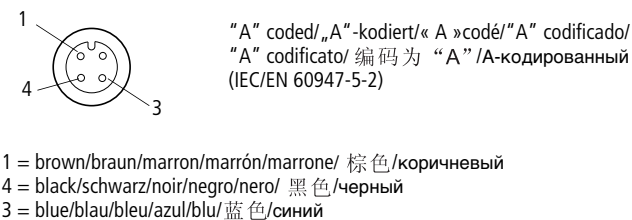




RA-C2-S1-4



| M12          | I3 | I4 | O3 |
|--------------|----|----|----|
|              |    |    |    |
| RA-MO...     | x  | x  | -  |
| RA-MO...A... | x  | x  | x  |



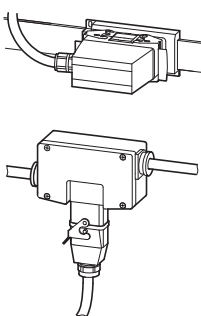
| I3 + I4 | 1 | 3 | 4 |
|---------|---|---|---|
| L+      |   |   |   |
| L-      |   |   |   |
| I       |   |   |   |



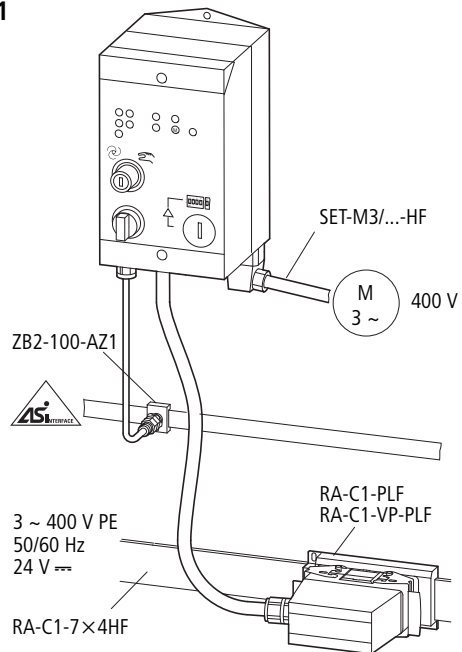
RA-MO2.1...  
Version 2.1 24 V  $\Sigma I \leq 70$  mA  
Versione 2.1  
Versión 2.1  
版本 2.1  
Версия 2.1

Version 2.2...3.0 24 V  $\Sigma I \leq 160$  mA  
Versione 2.2...3.0  
Versión 2.2...3.0  
版本 2.2...3.0  
Версия 2.2...3.0

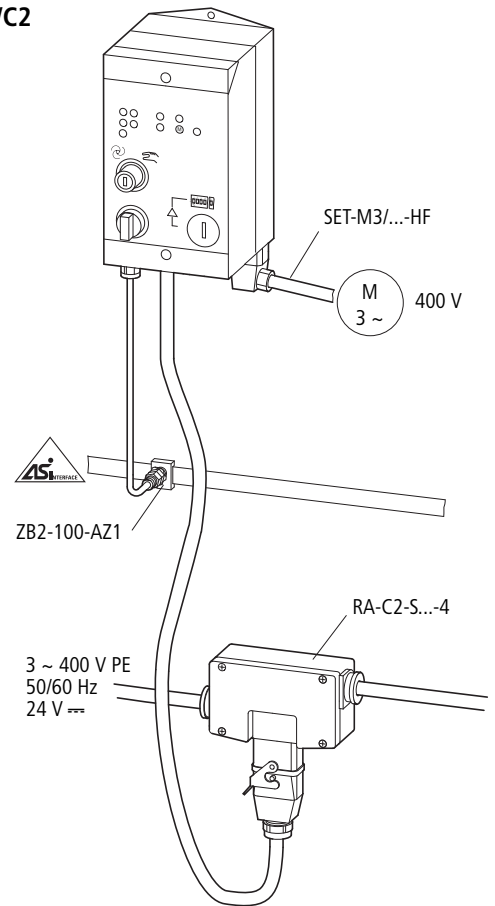
| O3  | 1 | 3 | 4 |
|-----|---|---|---|
| -   |   |   |   |
| 0 V |   |   |   |
| 0   |   |   |   |



## RA-MO2.1-.../C1



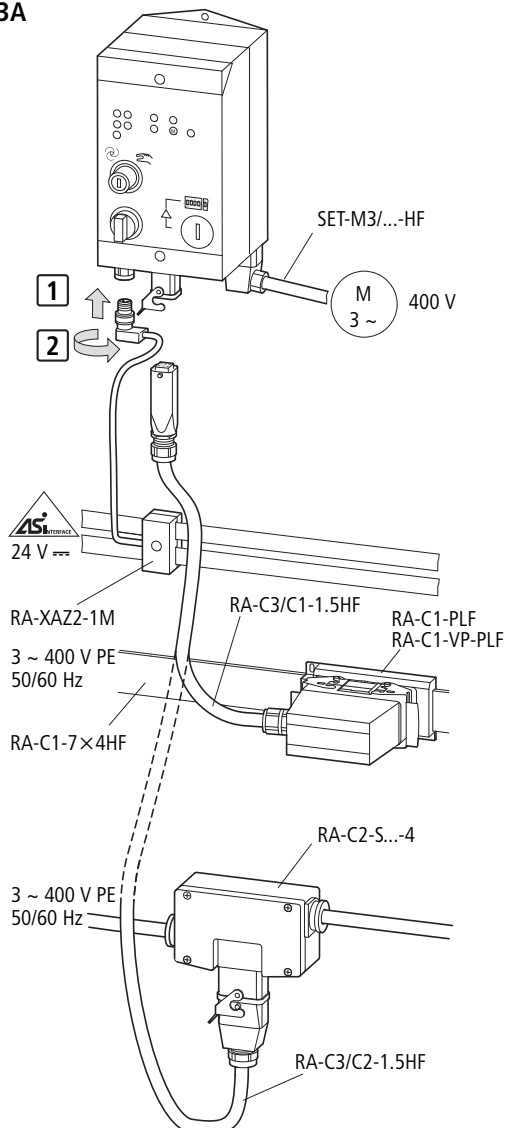
## RA-MO2.1-.../C2



## RA-MO2.1.../C3A

### RA-MO...

Version 3.0  
Versione 3.0  
Versión 3.0  
版本 3.0  
Версия 3.0



RA-MO...C1, C2



|   |      |
|---|------|
| 1 | ASi+ |
| 2 | -    |
| 3 | ASi- |
| 4 | -    |

RA-MO.../C3A



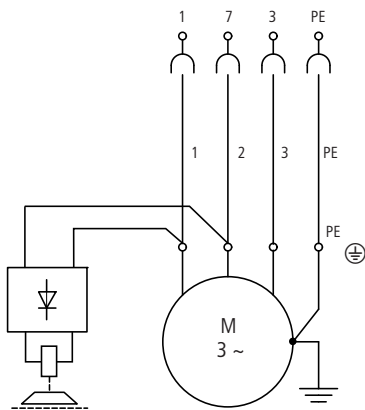
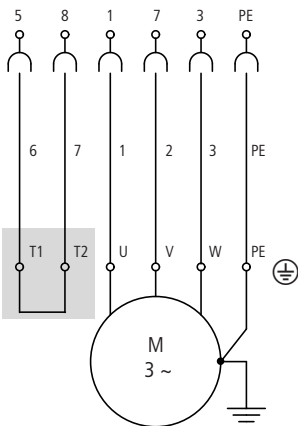
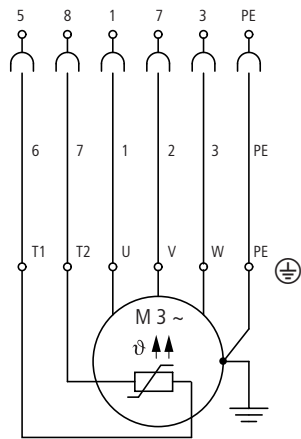
|   |      |
|---|------|
| 1 | ASi+ |
| 2 | 0V   |
| 3 | ASi- |
| 4 | 24V  |

RA-MO.../C3A

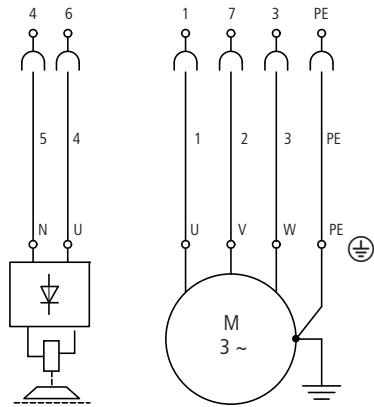
400 V ~



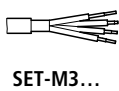
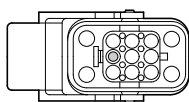
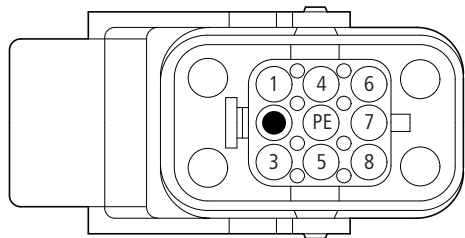
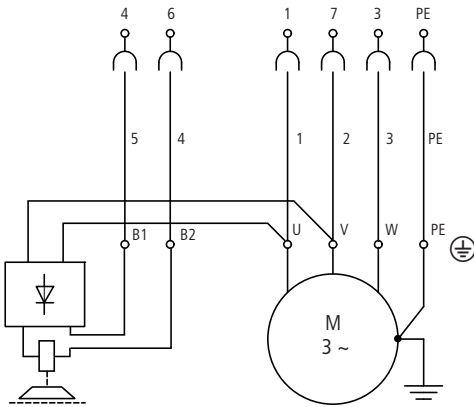
|    |    |
|----|----|
| 1  | L1 |
| 2  | L2 |
| 3  | L3 |
| 4  | N  |
| 5  | -  |
| PE | PE |



RA-MO...(230)...



RA-MO...

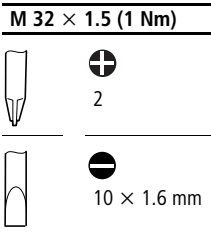
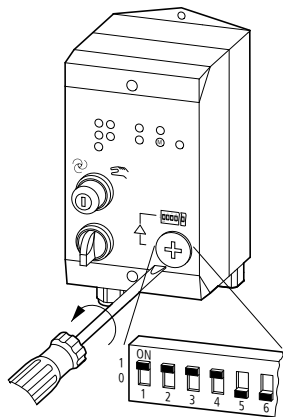


SET-M3...



|    |    |    |          |
|----|----|----|----------|
| 1  | 1  | U  | -        |
| •  | -  | -  | -        |
| 3  | 3  | W  | -        |
| 4  | 5  | -  | B1 (~/-) |
| 5  | 6  | -  | -        |
| 6  | 4  | -  | B2 (~/+) |
| 7  | 2  | V  | -        |
| 8  | 7  | -  | -        |
| -  | 8  | -  | -        |
| PE | PE | PE | -        |

PE = green-yellow/grün-gelb/vert-jaune/verde-amarillo/verde-giallo/绿-黄/зелено-желтый



RA-MO2.1-...

| ON |   |   |   |       |   |   |   | DIP |   |   |   |       |   |   |   |
|----|---|---|---|-------|---|---|---|-----|---|---|---|-------|---|---|---|
| 1  | 2 | 3 | 4 | 5     | 6 | 7 | 8 | 1   | 2 | 3 | 4 | 5     | 6 | 7 | 8 |
| 1  | 1 | 1 | 1 | –     |   |   |   | 1   | 1 | 1 | 1 | –     |   |   |   |
| 1  | 0 | 1 | 1 | 0.3 A |   |   |   | 1   | 0 | 1 | 1 | 0.4 A |   |   |   |
| 0  | 1 | 1 | 1 | 0.6 A |   |   |   | 1   | 0 | 0 | 0 | 0.8 A |   |   |   |
| 1  | 0 | 0 | 0 | 1.0 A |   |   |   | 1   | 1 | 0 | 0 | 1.2 A |   |   |   |
| 0  | 1 | 0 | 0 | 1.5 A |   |   |   | 1   | 0 | 1 | 0 | 1.7 A |   |   |   |
| 1  | 1 | 0 | 0 | 1.9 A |   |   |   | 0   | 1 | 1 | 0 | 2.1 A |   |   |   |
| 0  | 0 | 1 | 0 | 2.6 A |   |   |   | 1   | 1 | 1 | 0 | 3.6 A |   |   |   |
| 1  | 0 | 0 | 1 | 5.0 A |   |   |   | 0   | 0 | 0 | 1 | 6.6 A |   |   |   |
| 0  | 1 | 0 | 1 |       |   |   |   | 1   | 0 | 0 | 1 |       |   |   |   |
| 1  | 1 | 0 | 1 |       |   |   |   | 0   | 1 | 0 | 1 |       |   |   |   |
| 0  | 0 | 1 | 1 |       |   |   |   | 1   | 1 | 0 | 1 |       |   |   |   |

| ON                |   |   |   | DIP |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|
| 1                 | 2 | 3 | 4 | 5   | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| <b>RA-MO...</b>   |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 0 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 1 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 0 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 1 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
| <b>RA-MO-D...</b> |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 1 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 0 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 1 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
| <b>RA-MO-W...</b> |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 1 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 0 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 1 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
| <b>RA-MO-W...</b> |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 0 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                   | 1 |   |   |     |   |   |   |   |   |   |   |   |   |   |   |

\* RA-MO2.1...  
Version – Versione – Versión – 版本 – Версия V2.2, V3.0

