

# IP54/Type 12 Kit

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Instruções de montaj



**(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.

**(nl) Levensgevaar door elektrische stroom!**

Uitsluitend deskundigen in elektriciteit en elektrotechnisch geïnstrueerde personen is het toegestaan, de navolgend beschrevene werkzaamheden uit te voeren.

**(da) Livsfare på grund af elektrisk strøm!**

Kun uddannede el-installatører og personer der er instruerede i elektrotekniske arbejdsopgaver, må udføre de nedenfor anførte arbejder.

**(el) Προσοχή, κίνδυνος ηλεκτροπληξίας!**

Οι εργασίες που αναφέρονται στη συνέχεια θα πρέπει να εκτελούνται μόνο από ηλεκτρολόγους και ηλεκροτεχνίτες.

**(pt) Perigo de vida devido a corrente eléctrica!**

Apenas electricistas e pessoas com formação electrotécnica podem executar os trabalhos que a seguir se descrevem.

**(sv) Livsfara genom elektrisk ström!**

Endast utbildade elektriker och personer som undervisats i elektroteknik får utföra de arbeten som beskrivs nedan.

**(fi) Hengenvaarallinen jännite!**

Vain pätevät sähköasentajat ja opastusta saaneet henkilöt saavat suorittaa seuraavat työt.

# EATON

Powering Business Worldwide

Effective May 2018

**CS Nebezpečí úrazu elektrickým proudem!**

Níže uvedené práce směřjí provádět pouze osoby s elektrotechnickým vzděláním.

**et Eluohhtlik! Elektrilöögioht!**

Järgnevalt kirjeldatud töid tohib teostada ainult elektriala spetsialist või elektrotehnilise instrueerimise läbinud personal.

**hu Életveszély az elektromos áram révén!**

Csak elektromos szakemberek és elektrotechnikában képzett személyek végezhetik el a következőkben leírt munkákat.

**lv Elektriskā strāva apdraud dzīvību!**

Tālāk aprakstītos darbus drīkst veikt tikaielektrospeciālisti un darbam ar elektrotehniskām ekārtām instruetās personas!

**It Pavojuş gyybeı deđ elektros srovés!**

Tik elektrikai ir elektrotechnikos specialistai gali atlikti žemiau aprašytus darbus.

**pl Porażenie prądem elektrycznym stanowi zagrożenie dla życia!**

Opisane poniżej prace mogą przeprowadzać tylko wykwalifikowani elektrycy oraz osoby odpowiednio poinstruowane w zakresie elektrotechniki.

**sl Življenjska nevarnost zaradi električnega toka!**

Spodaj opisana dela smejo izvajati samo elektrostrokovnjaki in elektrotehnično poučene osebe.

**sk Nebezpečenstvo ohrozenia života elektrickým prúdom!**

Práce, ktoré sú nižšie opísané, smú vykonávať iba elektroodborníci a osoby s elektrotechnickým vzdelaním.

**bg Опасност за живота от електрически ток!**

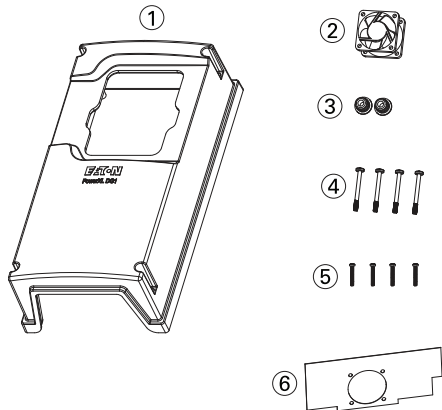
Операциите, описани в следващите раздели, могат да се извършват само от специалисти-електротехници и инструктиран електротехнически персонал.

**ro Atenție! Pericol electric!**

Toate lucrările descrise trebuie efectuate numai de personal de specialitate calificat și de persoane cu cunoștințe profunde în electrotehnică.

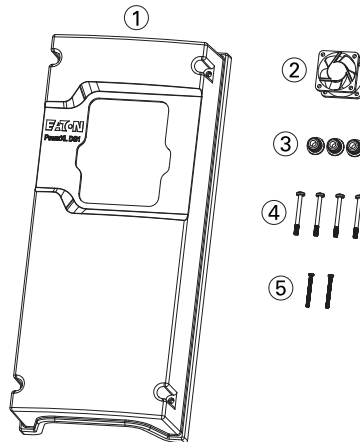
**FR1–FR2**

**IP54/Type 12 Contents—FR1**



- 1 IP54/Type 12 A-cover
- 2 Control fan
- 3 Seal plug
- 4 Screws (M4x40)
- 5 Screws (M3x20)
- 6 Airflow guiding paper

**IP54/Type 12 Contents—FR2**



- 1 IP54/Type 12 A-cover
- 2 Control fan
- 3 Seal plug
- 4 Screws (M4x40)
- 5 Screws (M3x32)

**Manuals**

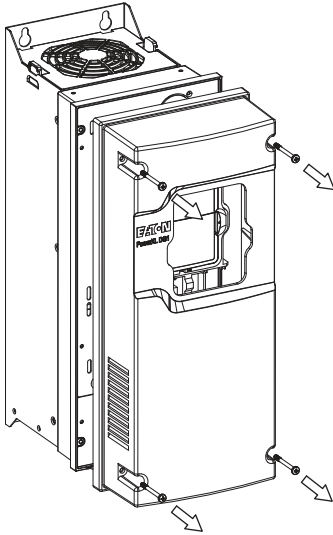


**MN040002EN Installation Manual**

**Mounting – Montaje – Montage – Montaggio – Monterig – Τοποθέτηση – Montagem – Asennus –  
 Montáž – Paigaldamine – Felszerelés – Montáža – Montavimas – Montaż – Montaža – Монтаж –  
 Montarea – Монтаж – 安裝**

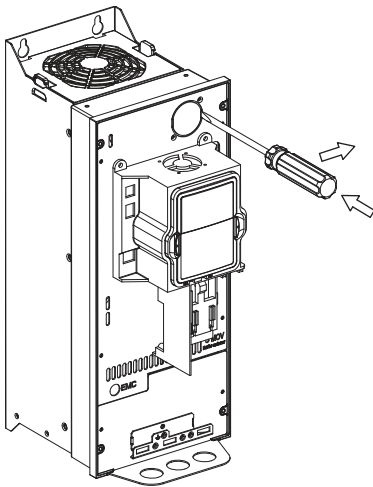
**Step 1**

Remove the IP54/Type 12 A-cover (with side opening).



**Step 2**

Only for **FR2**: Pry the cover off the sheet metal plate under the B-cover with a slotted screwdriver (5 mm ≤ width ≤ 8 mm).

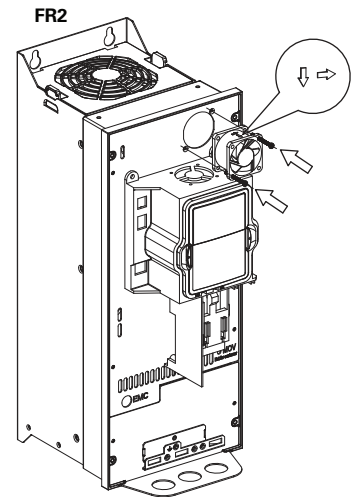
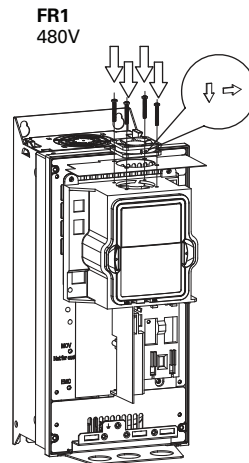


**Step 3**

**FR1 (480V)**: Attach the control fan and airflow guiding paper to the B-cover with four M3x20 screws. Notice the airflow direction arrow on the fan.

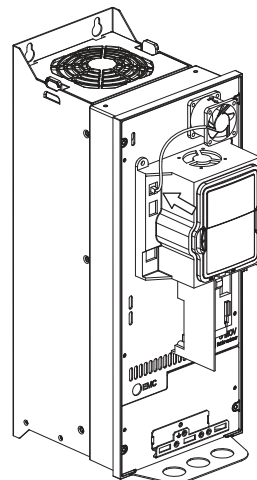
**FR1 (230V)**: No control fan.

**FR2**: Attach the control fan to the sheet metal plate with two M3x32 screws.



**Step 4**

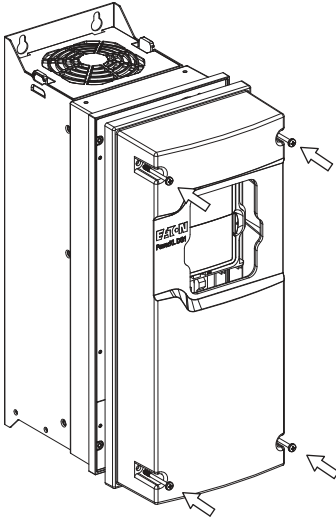
For **FR1 (480V)** and **FR2**: Connect the control cable to the fan power terminal on the control board.



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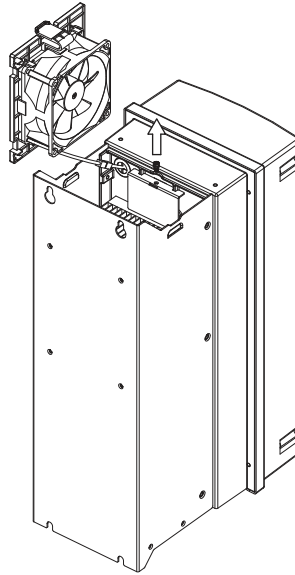
**Step 5**

Attach the IP54/Type 12 A-cover (without side opening) to the die-cast case with four M4x40 screws.



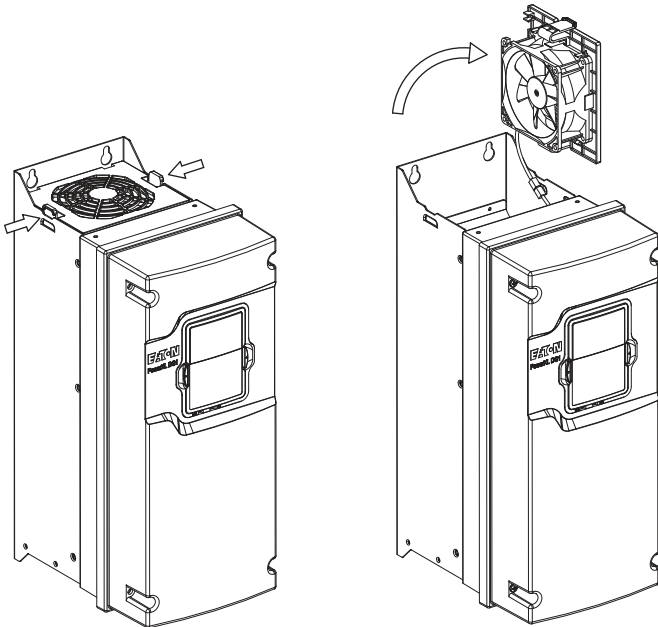
**Step 7**

Remove the waterproof plate from the die-cast case.



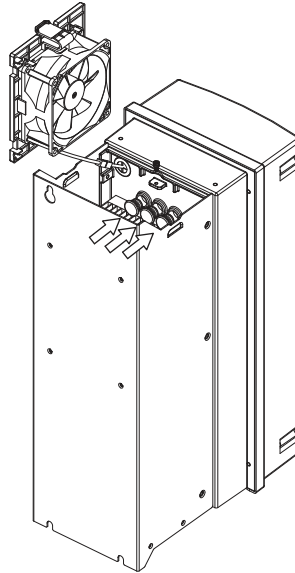
**Step 6**

Press the two snaps on the fan bracket to remove the fan module from the chassis, but keep the fan cable connected.



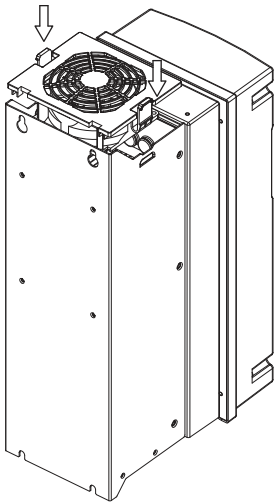
**Step 8**

Insert the seal plugs (FR1: 2 pcs, FR2: 3 pcs) into the venting holes on the die-cast case.



**Step 9**

Attach the fan module back to the chassis.







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