



MOVIMOT[®] Retrofit Kit

Edition

11/2001

Addendum to Operating Instructions

1053 7910/ EN



1 Important Notes



- This information does not replace the detailed operating instructions!
- Installation should only be performed by qualified personnel in compliance with the applicable accident prevention regulations and the MOVIMOT® Operating Instructions!
- Only the following (brake) motors may be retrofitted:
 - Motor nominal voltage 220 – 240/380 – 415 V_{AC}, 50 Hz
 - Brake nominal voltage 230 V_{AC} with MM03 – 15
110 V_{AC} with MM22/30
- No retrofit sets are available for UL devices!

Use the following table to verify that you have the correct retrofit set for your motor:

1400 1/min



Power / kW	Motor	+ Retrofit set part number	= MOVIMOT®
0.37	DT71 D4	826 614 X (MM03, ⤴)	DT71 D4/.../MM03
0.55	DT80 K4	826 615 8 (MM05, ⤴)	DT80 K4/.../MM05
0.75	DT80 N4	826 616 6 (MM07, ⤴)	DT80 N4/.../MM07
1.1	DT90 S4	826 617 4 (MM11, ⤴)	DT90 S4/.../MM11
1.5	DT90 L4	826 618 2 (MM15, ⤴)	DT90 L4/.../MM15
2.2	DV100 M4	826 619 0 (MM22, ⤴)	DV100 M4/.../MM22
3.0	DV100 L4	826 620 4 (MM30, ⤴)	DV100 L4/.../MM30

2900 1/min



Power / kW	Motor	+ Retrofit set part number	= MOVIMOT®
0.37	–	–	–
0.55	DT71 D4	826 621 2 (MM05, △)	DT71 D4/.../MM05
0.75	DT80 K4	826 622 0 (MM07, △)	DT80 K4/.../MM07
1.1	DT80 N4	826 623 9 (MM11, △)	DT80 N4/.../MM11
1.5	DT90 S4	826 624 7 (MM15, △)	DT90 S4/.../MM15
2.2	DT90 L4	826 625 5 (MM22, △)	DT90 L4/.../MM22
3.0	DV100 M4	826 626 3 (MM30, △)	DV100 M4/.../MM30



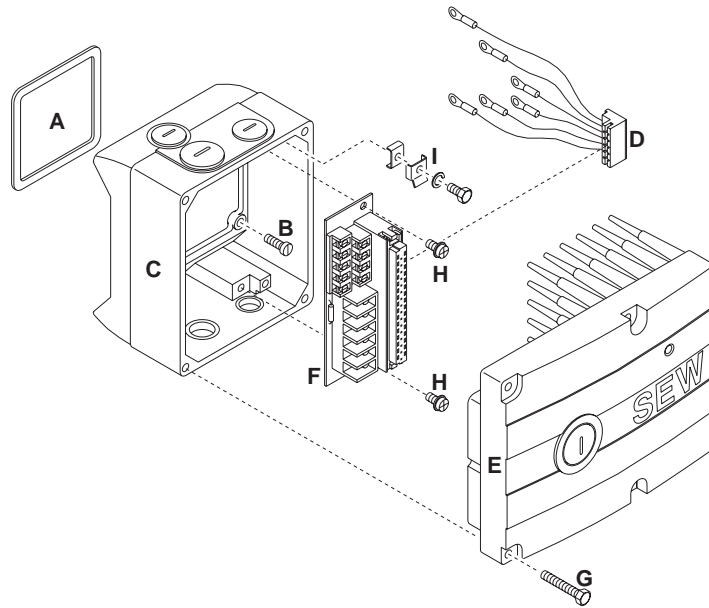
2 Scope of Delivery



Use the following illustrations to check the completeness of the scope of delivery.

Scope of delivery of retrofit set MM03 – MM15

Parts C – I are delivered assembled.

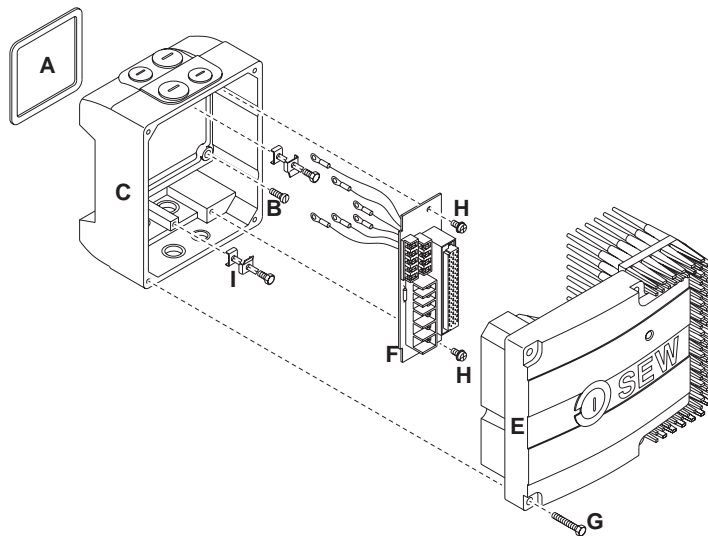


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- | | | |
|-----------------------|--|--------------|
| A Terminal box gasket | D Connection cable with right-angle plug | G Screws (4) |
| B Screws (4) | E Cover with inverter | H Screws (2) |
| C Terminal box | F Terminal board | I PE screw |

Scope of delivery of retrofit set MM22 – MM30

Parts C – I are delivered assembled.



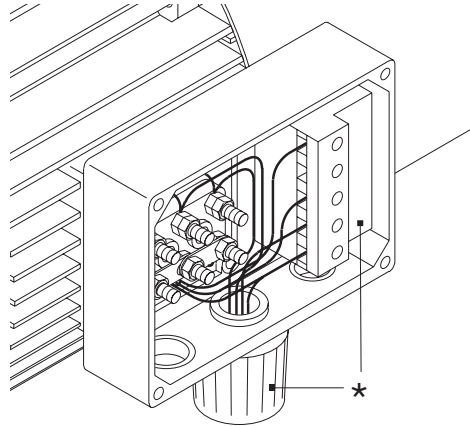
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- | | | |
|-----------------------|--|--------------|
| A Terminal box gasket | E Cover with inverter | G Screws (4) |
| B Screws (4) | F Terminal board with connection cable | H Screws (2) |
| C Terminal box | | I PE screw |



3 Assembly

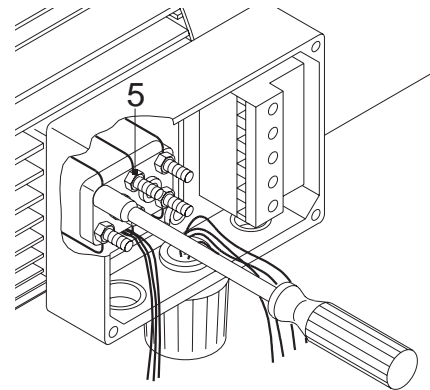
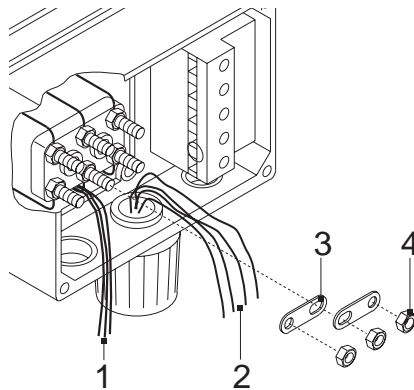
- Remove power supply from motor and prevent unintentional restart
- Remove terminal box cover and power supply cable
- For the result, see the following figure



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- * Brake control only with brake motors (optional)

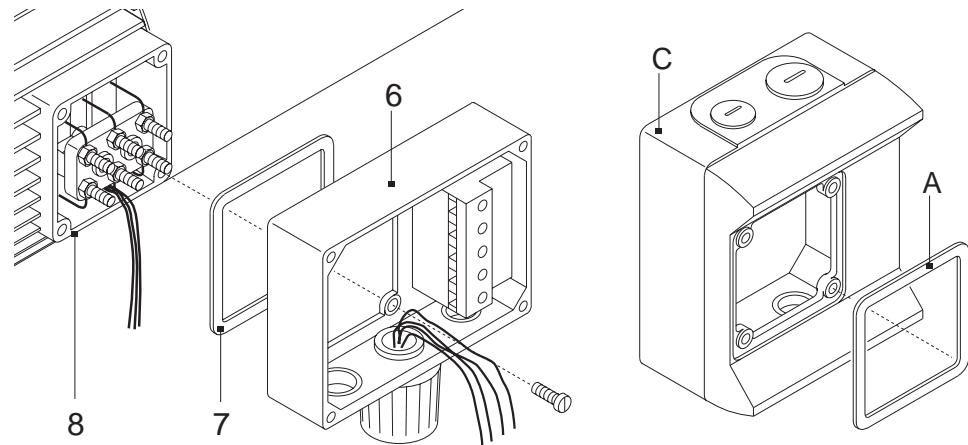
- If brake control is present, remove leads from brake control (1) (2)
- Remove upper nuts (4) and jumpers (3)
- Tighten lower nuts (5)



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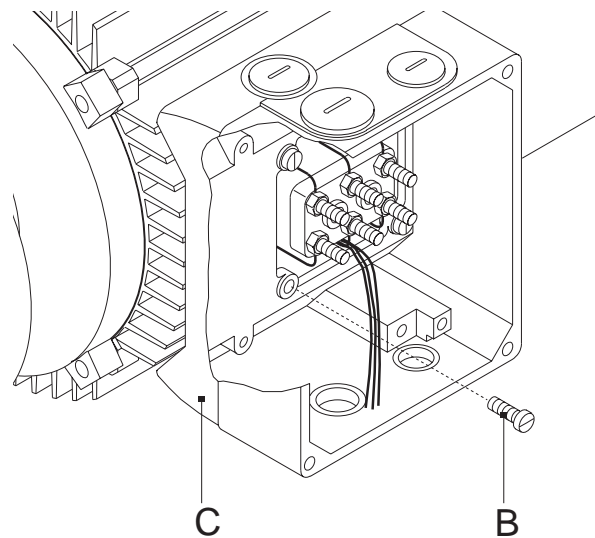


- Remove bottom part of terminal box (6)
- Remove old gasket (7)
- Clean gasket contact surface (8)
- Place new gasket (A) on terminal box (C)



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- Mount terminal box (C) and secure with four screws (B).



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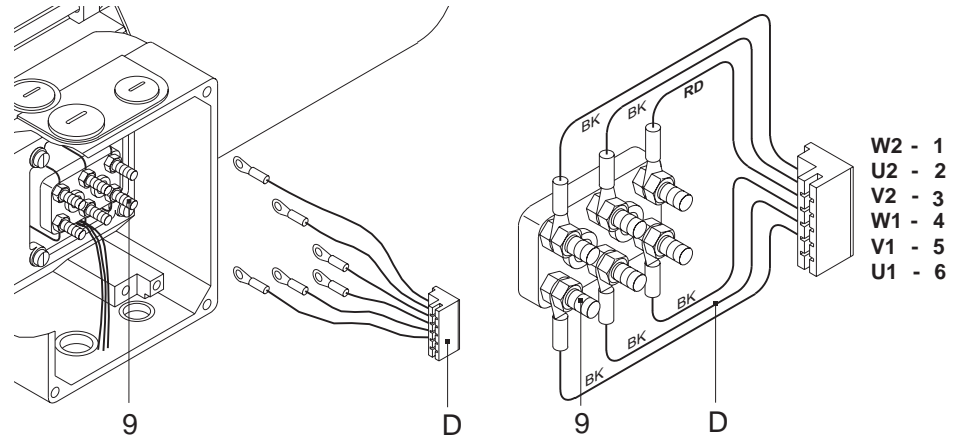


Caution: Ensure correct position and placement of gasket (cutout for terminal block on terminal box bottom must point in direction of fan guard)!



With MOVIMOT® retrofit set MM03 – MM15

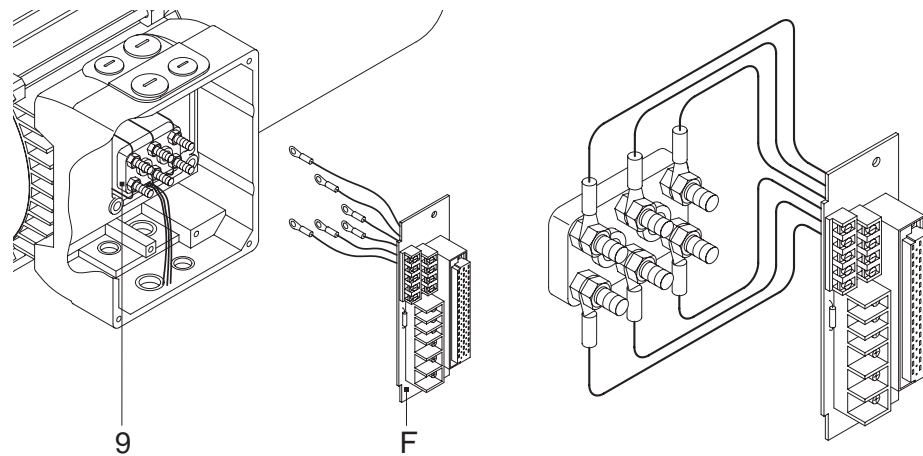
- Install right-angle plug harness (D) on terminal studs (9) and tighten nuts.



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With MOVIMOT® retrofit set MM22 – MM30

- Install connection cable of terminal board (F) on terminal studs (9) and tighten nuts.

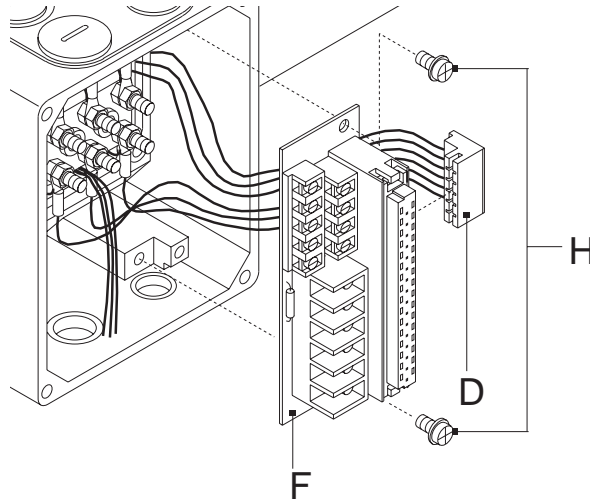


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With MOVIMOT® retrofit set MM03 – MM15

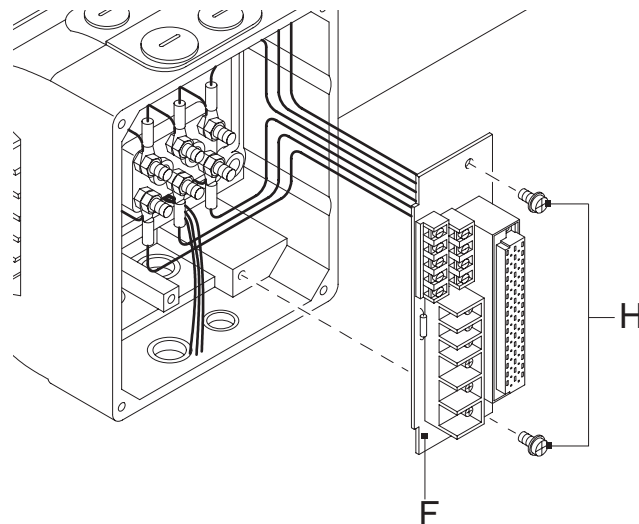
- Place right-angle plug harness (D) on terminal board (F).
- Position terminal board (F) and secure with two screws (H). **Caution: Do not damage or pinch cable.**



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With MOVIMOT® retrofit set MM22 – MM30

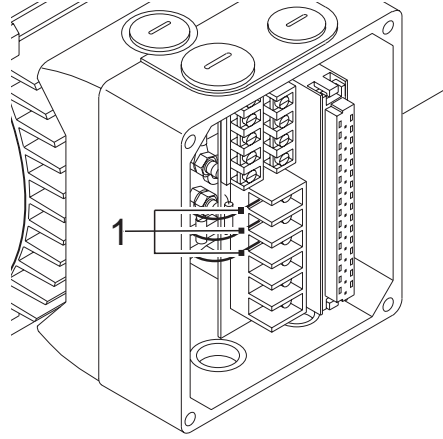
- Position terminal board (F) and secure with two screws (H). **Caution: Do not damage or pinch cable.**



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- **Only for brake motors:** Connect brake cable (1).
 - red on terminal X3:13
 - white on terminal X3:14
 - blue on terminal X3:15



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