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Addendum to the Operating Instructions



MNF21A Line Filter



1 General Information

1.1 Structure of the safety notes

The safety notes in these operating instructions are structured as follows:

Symbol	! SIGNAL WORD
	<p>Nature and source of hazard.</p> <p>Possible consequence(s) if disregarded.</p> <ul style="list-style-type: none"> • Measure(s) to avoid the hazard.

Symbol	Signal word	Meaning	Consequences if disregarded
<p>Example:</p> <p>General hazard</p> <p>Specific hazard, e.g. electric shock</p>	<p>HAZARD!</p>	Imminent hazard	Severe or fatal injuries
	<p>WARNING!</p>	Possible hazardous situation	Severe or fatal injuries
	<p>CAUTION!</p>	Possible hazardous situation	Minor injuries
	STOP!	Possible damage to property	Damage to the drive system or its environment
	NOTE	Useful information or tip Simplifies drive system handling	

1.2 Right to claim under limited warranty

A requirement of fault-free operation and fulfillment of any rights to claim under limited warranty is that you adhere to the information in the operating instructions. Therefore, read the operating instructions before you start working with the unit

Make sure that the operating instructions are available to persons responsible for the plant and its operation, as well as to person who work independently on the unit. You must also ensure that the documentation is legible.

1.3 Exclusion of liability

You must comply with the information contained in these operating instructions to ensure safe operation of the MOVIMOT[®] MM..D inverter and to achieve the specified product characteristics and performance requirements. SEW-EURODRIVE does not assume liability for injury to persons or damage to equipment or property resulting from non-observance of these operating instructions. In such cases, any liability for defects is excluded.



1.4 Other applicable documentation

- This additional information does not replace the detailed operating instructions.
- Installation and startup only by trained personnel observing the relevant accident prevention regulations and one of the following publications:
 - "MOVIMOT[®] MM..D with AC Motors DRS/DRE/DRP" operating instructions
 - "MOVIMOT[®] MM..D with AS-Interface and DRS/DRE/DRP Series AC Motor" operating instructions

1.5 Functional description

The line filter MNF21A limits the interference fed into the public power grid and reduces susceptibility to electromagnetic interference from the grid.

The MNF21A line filter may only be installed in MOVIMOT[®]-MM..D drives up to **1.5 kW** (MM03D-503-00 – MM15D-503-00) with hardware status 13 and higher.

Options installed in addition to the MNF21A line filter are not permitted.

[1]

Status: 10 12 -- A -- -- 10 10 13

SEW EURODRIVE	Typ MM15D-503-00	Sach.Nr. 18215033	Series Nr.088694
D-76646 Bruchsal Made in Germany	Eingang / Input	U= 3x380...500V AC f= 50...60Hz I= 3.5A AC	Ausgang / Output U= 3x0V...U _{Input} f= 2...120Hz I= 4.0A AC
MOVIMOT	U= -30...40C		
Antriebsumrichter	P-Motor 1.5kW / 2.0HP		
Drive Inverter	P-Motor (S3/25%): 2.2kW / 3.3HP		

Use 60/75°C copper wire only. Tighten terminals to 13,3in. - lbs. ('
Suitable for use on a circuit capable of delivering not more than 5

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[1] Hardware status

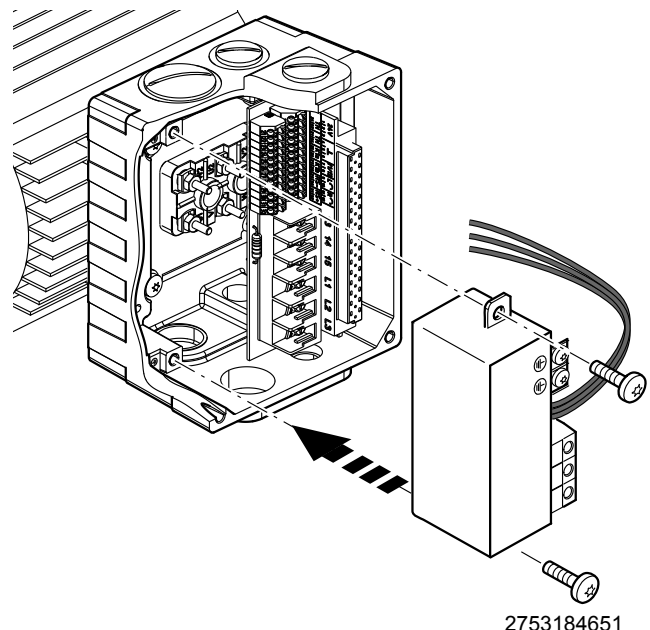
1.6 Installation of option MNF21A

Option MNF21A is generally installed in the modular connection box at the factory. If you have any questions about retrofitting the option, do not hesitate to contact the SEW-EURODRIVE service.

Only install this option in combination with the modular terminal box of MOVIMOT[®] MM03D-503-00 – MM15D-503-00.

The following figure shows how the MNF21A option can be installed.

In general, the installation depends on the used terminal box and on other installed options, if there are any.



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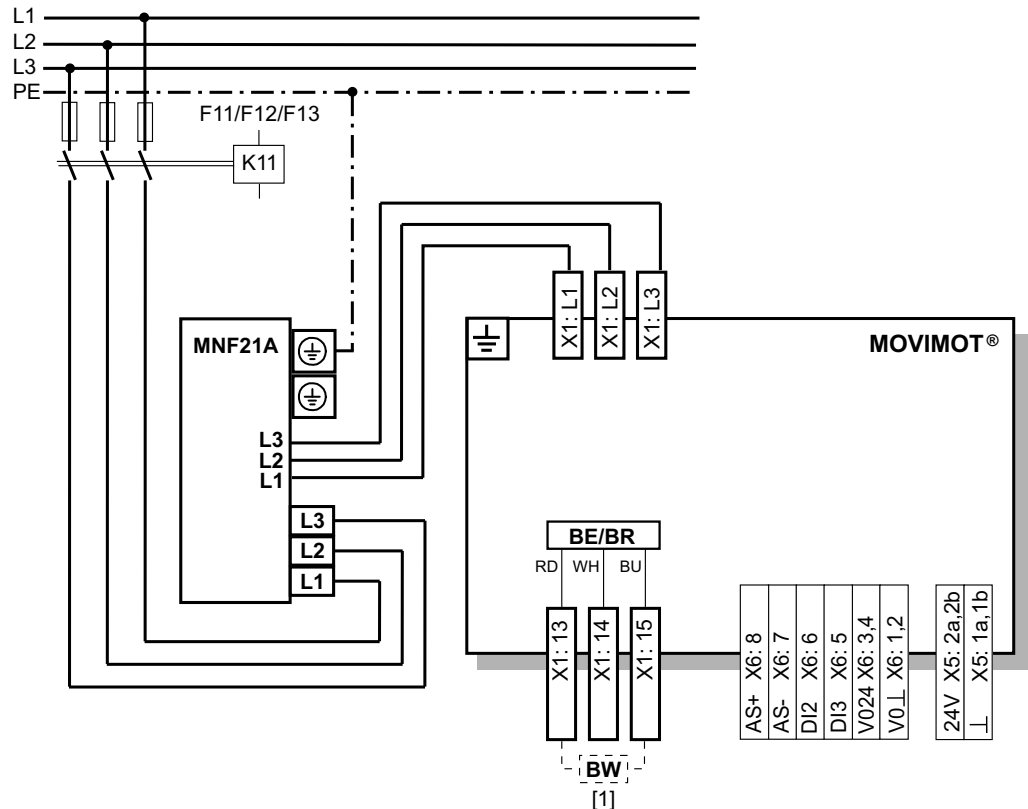
2 Connection of Option MNF21A



STOP

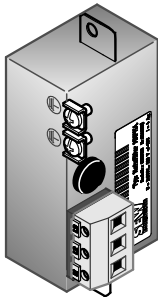
Only install this option in combination with the modular connection box of MOVIMOT® MM03D-503-00 – MM15D-503-00.

The following figure shows how the MNF21A option can be connected:



[1] BW braking resistor (only in MOVIMOT® without mechanical brake)

2.1 Technical data



Option	MNF21A (only for MM03D-503-00 – MM15D-503-00)
Part number	0 804 265 9
Function	3-phase line filter (allows for category C1 to EN 61800-3)
Input voltage	AC 3 x 380 – 500 V ±10 % / 50 – 60 Hz
Input current	4 A
Degree of protection	IP00
Ambient temperature	–25 – +60 °C
Storage temperature	–25 – +85 °C