

DELPHYS MX Elite +

Kit TN-C / Neutral-Ground connection



Socomec Resources Center
To download, brochures, catalogues
and technical manuals

CONTENTS

1. CERTIFICATE AND CONDITIONS OF WARRANTY	4
2. SAFETY STANDARDS	5
3. INSTALLATION SEQUENCE	6
3.1. Installation sequence DMX Elite + 60-120 kVA	6
3.2. Installation sequence DMX Elite + 160-250 kVA	9
3.3. Installation sequence DMX Elite + 300-400 kVA	12
3.4. Installation sequence DMX Elite + 500-600 kVA	15

1. CERTIFICATE AND CONDITIONS OF WARRANTY

This SOCOMEC continuous power system is guaranteed against any manufacturing or material defects.

The warranty is valid for 12 (twelve) months from the commission date, provided activation is carried out by SOCOMEC personnel or personnel from a support centre authorised by SOCOMEC, and no more than 15 (fifteen) months from being shipped from SOCOMEC.

The warranty is valid throughout national territory. If the UPS is exported abroad, the warranty will only cover the parts used to repair faults.

The warranty is valid ex-works and covers labour and parts used to repair the faults.

The warranty shall not apply in the following cases:

- Failure due to unforeseen circumstances or force majeure (lightning, floods, etc.);
- Failure due to negligence or improper use (use outside limits: temperature, humidity, ventilation, electric power supply, applied load, batteries);
- Insufficient or inappropriate maintenance;
- When maintenance, repairs or modifications have not been carried out by SOCOMEC personnel, or personnel from a support centre authorised by SOCOMEC.
- If the battery has not been recharged in accordance with the terms indicated on the packaging and in the manual, in the event of long periods of storage or UPS inactivity.

SOCOMEC may, at its own discretion, opt for the repair of the product or the replacement of faulty or defective parts with new parts, or with used parts of equivalent quality to new parts with regard to function and performance.

Defective or faulty parts replaced free of charge must be made available to SOCOMEC, which becomes the sole owner.

Replacement or repair of parts, or any modifications to the product during the warranty period, will not extend the duration of the warranty.

SOCOMEC will not be responsible for damages under any circumstances (including, without limitations, damage for loss of earnings, interruption of activity, loss of information or other financial losses) arising from the use of the product.

SOCOMEC retains the full and exclusive ownership rights to this document. Only a personal entitlement to use the document for the application indicated by SOCOMEC is granted to the recipient of this document. The reproduction, modification, distribution of this document, either partially or wholly and in any manner, is strictly prohibited except upon Socomec's express prior written consent.

This document is not a specification. SOCOMEC reserves the right to make any changes to the information provided without prior notice.

2. SAFETY STANDARDS

This user manual specifies installation and maintenance procedures, technical data and safety instructions for SOCOMEC. For further information visit the Socomec website: www.socomec.com.

	NOTE! Before carrying out any operations on the unit read the installation and operating manual carefully. Keep this manual safe for future reference.
	DANGER! Failure to observe safety standards could result in fatal accidents or serious injury, and damage equipment or the environment.
	NOTE! Any work carried out on the equipment must be performed by qualified technicians authorised by SOCOMEC.
	CAUTION! If the unit is found to be damaged externally or internally, or any of the accessories are damaged or missing, contact SOCOMEC. Do not operate the unit if it has suffered a violent mechanical shock of any kind.
	NOTE! Install the unit in accordance with clearances in order to allow access to handling devices and guarantee sufficient ventilation (refer to environmental requirement and handling chapter).
	NOTE! Only use accessories recommended or sold by the manufacturer.
	DANGER! RISK OF ELECTRIC SHOCK! Before carrying out any operations on the unit (cleaning and maintenance performances, connection of appliances, etc.) disconnect all power sources.
	DANGER! RISK OF ELECTRIC SHOCK! After disconnecting all power sources wait approx. 5 minutes for the complete discharge of the unit.
	NOTE! Any use other than the specified purpose will be considered improper. The manufacturer/supplier shall not be held responsible for damage resulting from this. Risk and responsibility lies with the system manager.
	NOTE! Read the user instructions carefully. Read the user manual before performing any operations.
	NOTE! Wear protective gloves
	NOTE! Wear safety shoes.
	NOTE! Wear protective goggles.

	WOOD		PLASTIC
	CARDBOARD		PLASTIC
	PAPERBOARD		PLASTIC
	PAPER		PLASTIC

Check your local municipality for waste disposal regulation for recycling.



Separate collection. Check the provisions of your Municipality

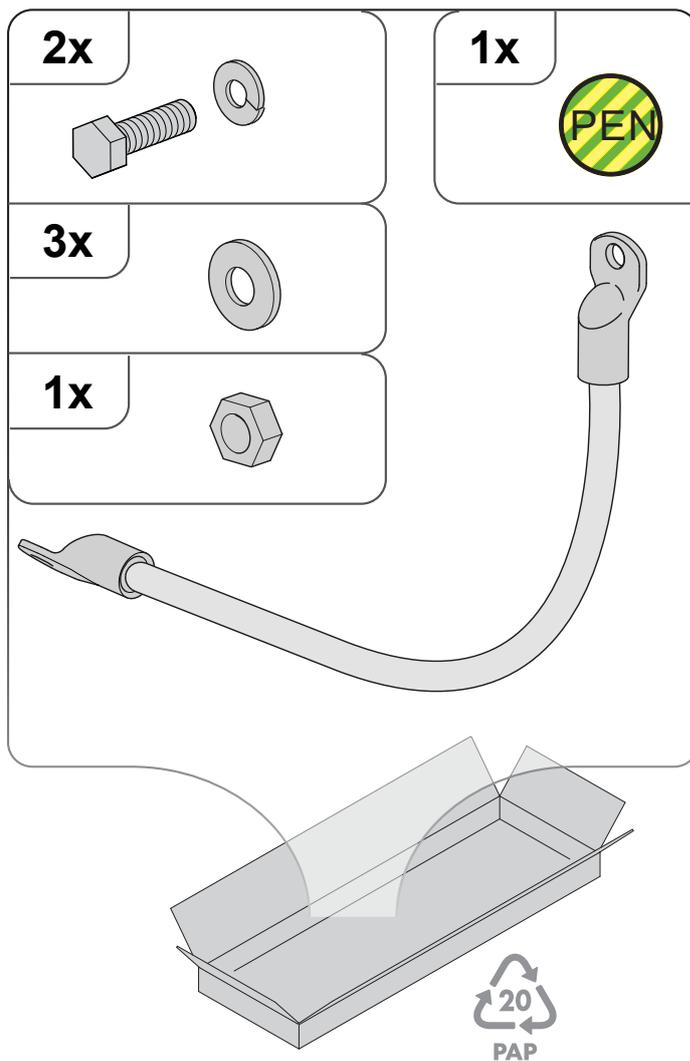
3. INSTALLATION SEQUENCE



CAUTION!
Assemble options before commissioning

3.1. Installation sequence DMX Elite + 60-120 kVA

1 Kit TN-C for 60 - 120 kVA.

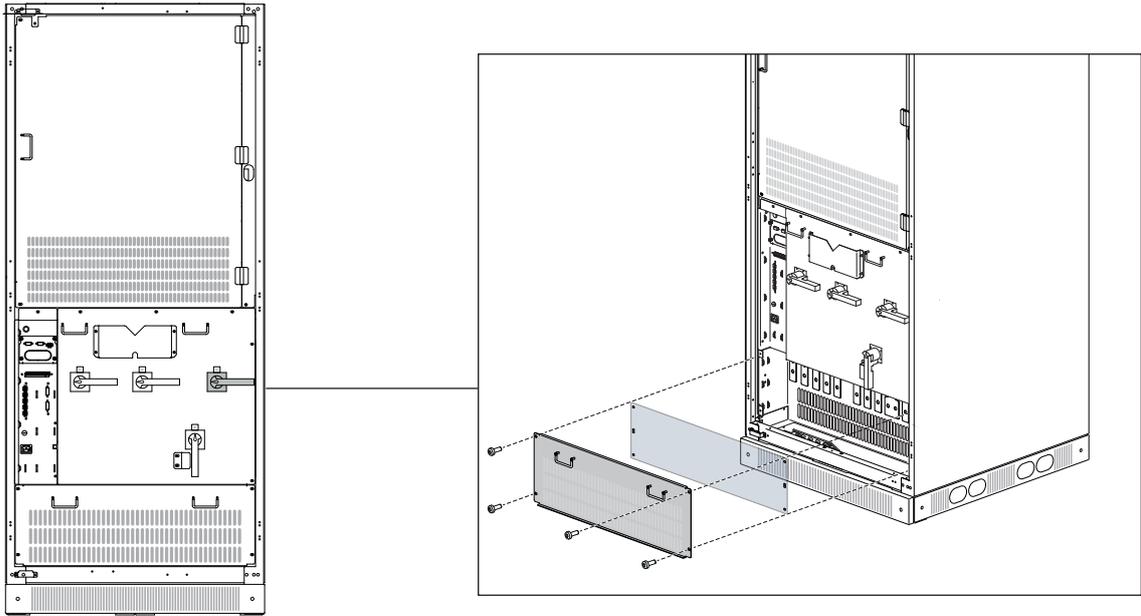


The UPS does not ensure continuity of the neutral conductor. The output neutral must not be used as a PEN connection for the load.

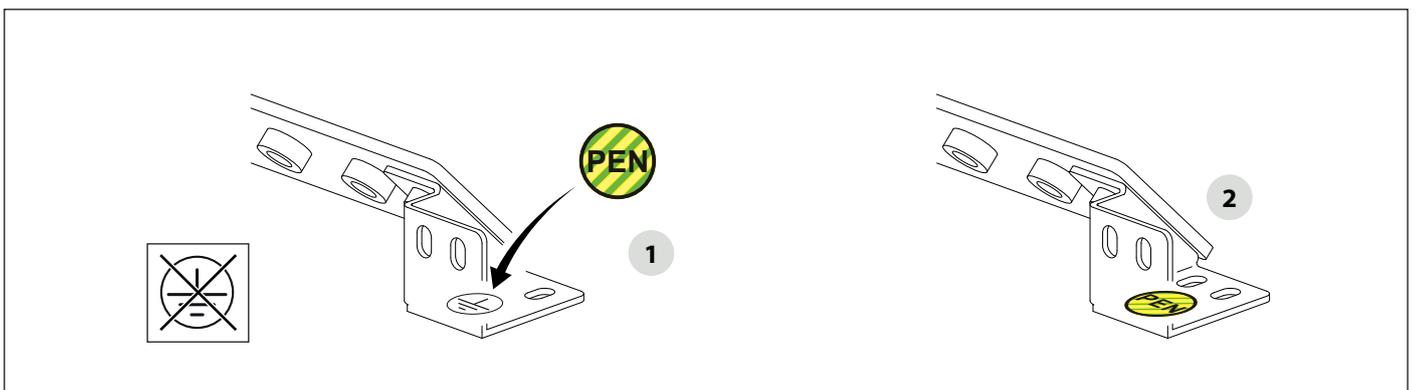
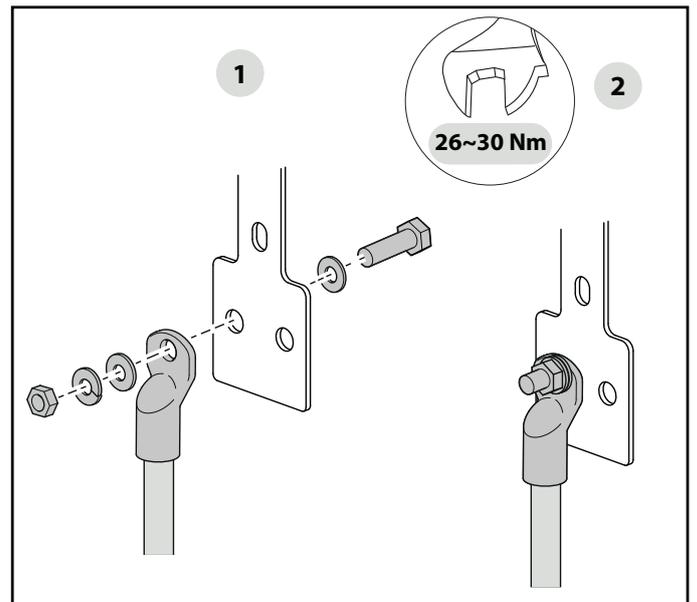
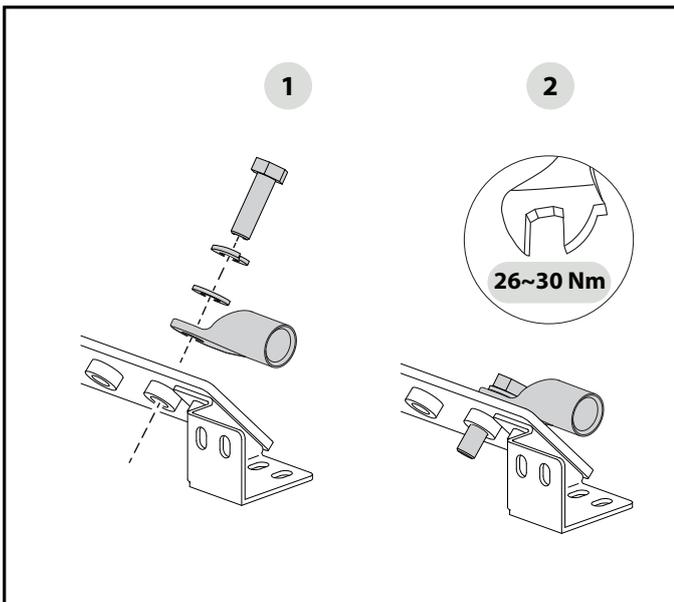


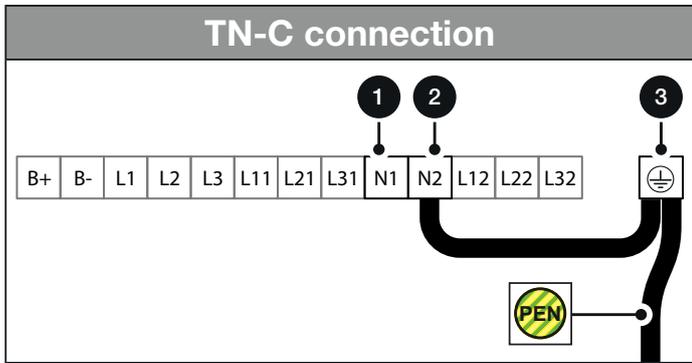
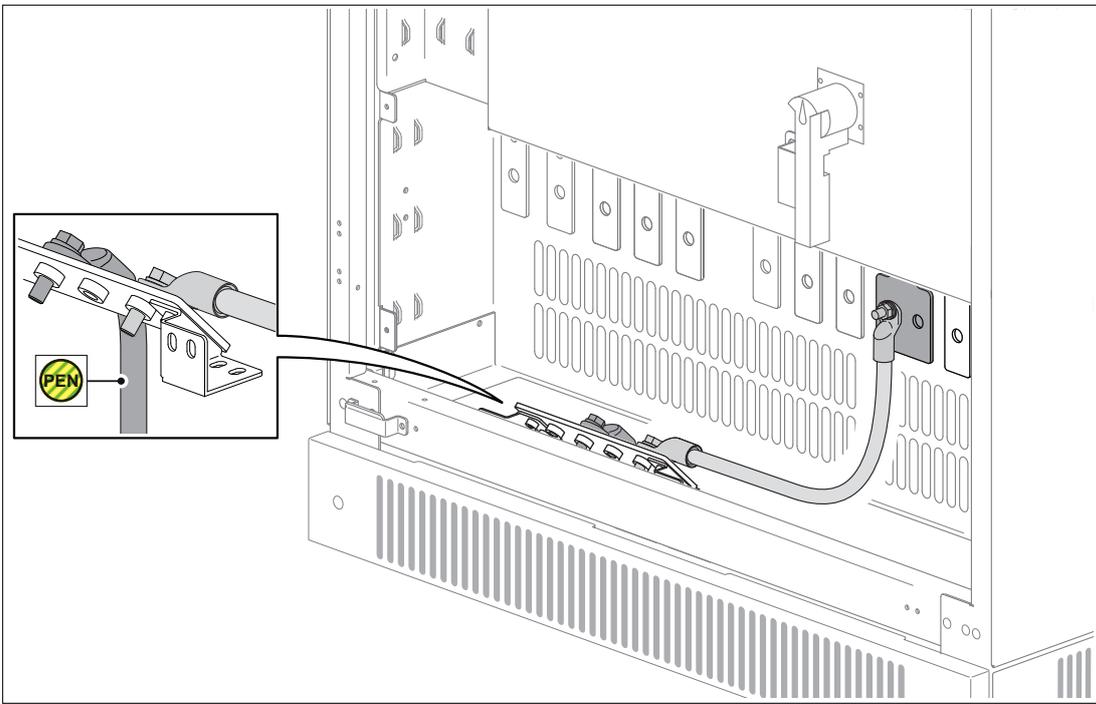
WARNING!
Cabling errors with inversion between phase and neutral conductor may cause permanent damage to the equipment.

2 Removing front terminals protection.



3 Cable connection.



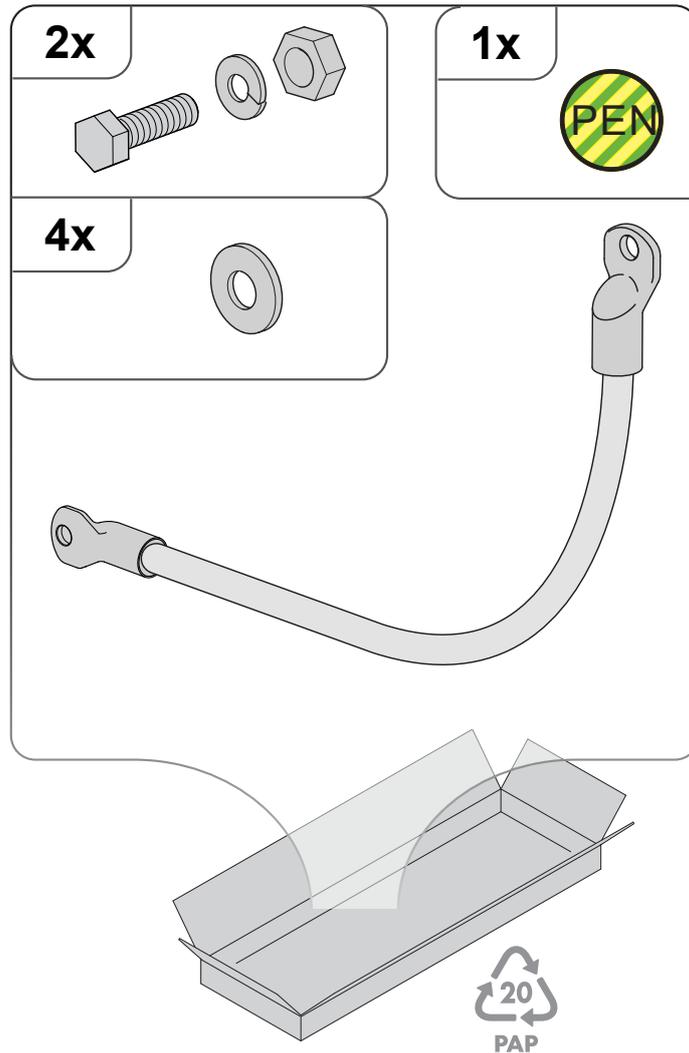


- 1** Neutral Aux Mains
- 2** Neutral Output*
- 3** UPS earth

	*Don't use Output Neutral connection for PEN distribution.
	The PEN conductor must never be interrupted.

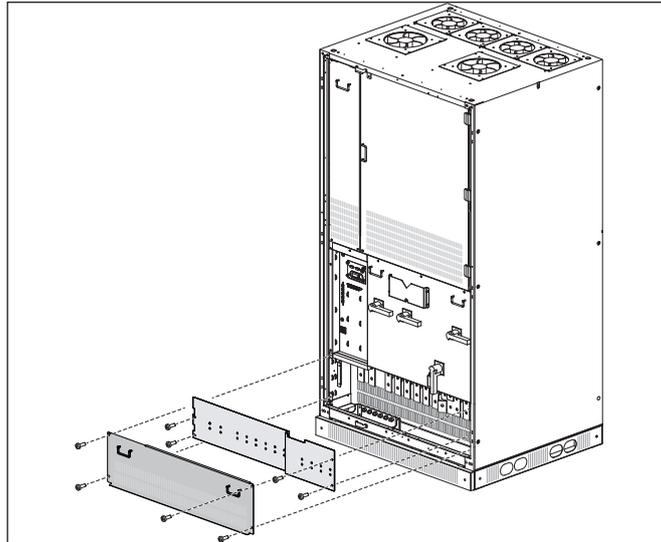
3.2. Installation sequence DMX Elite + 160-250 kVA

1 Kit TN-C for 160 - 250 kVA.

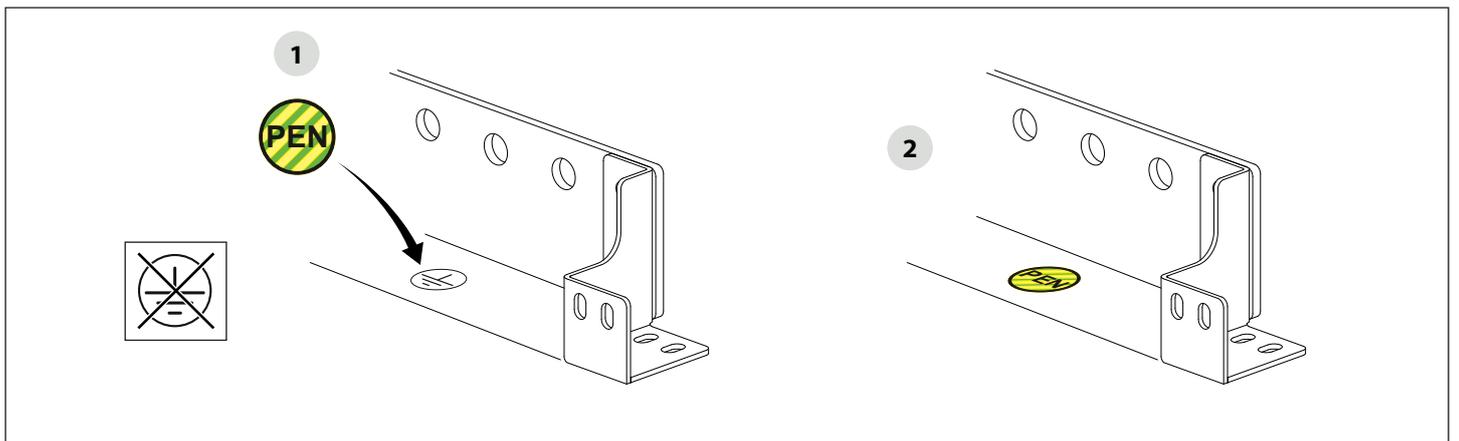
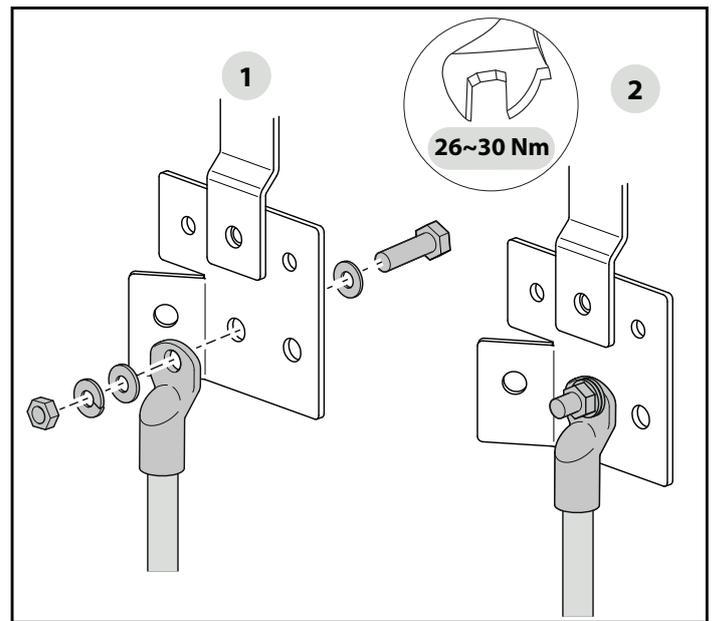
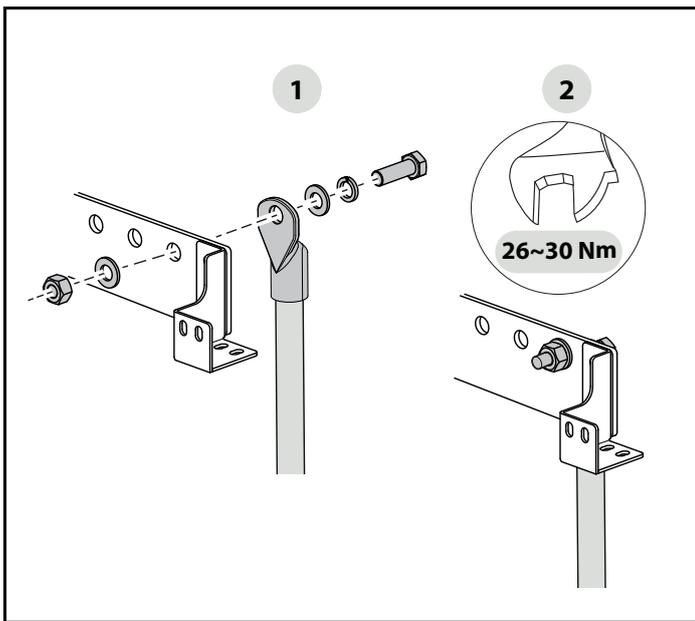


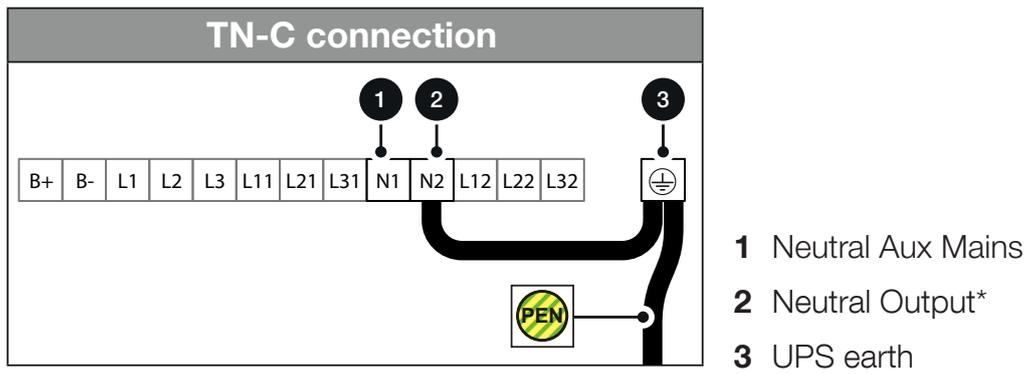
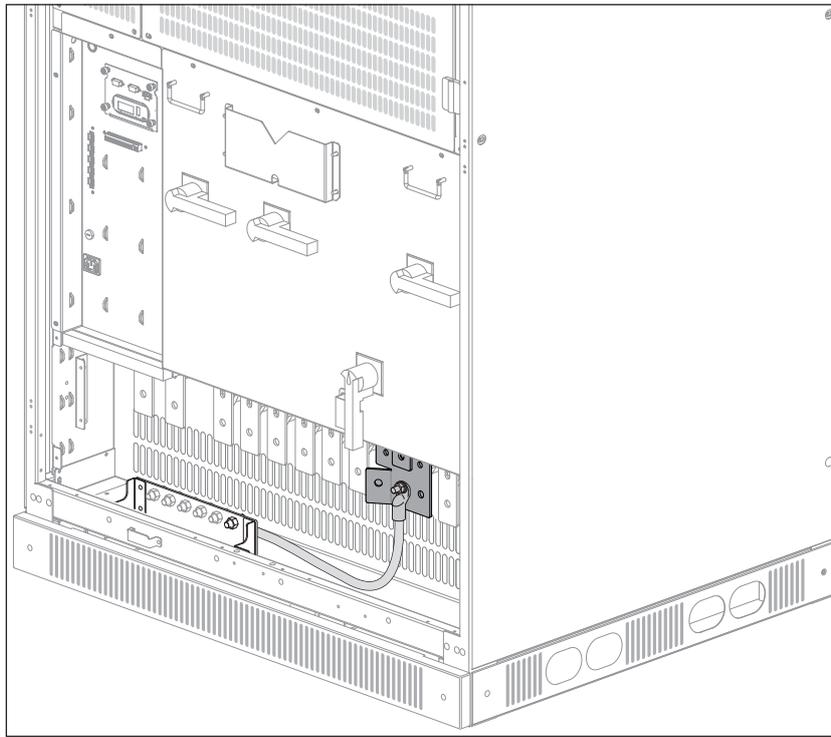
	The UPS does not ensure continuity of the neutral conductor. The output neutral must not be used as a PEN connection for the load.
	WARNING! Cabling errors with inversion between phase and neutral conductor may cause permanent damage to the equipment.

2 Removing front terminals protection.



3 Cable connection.

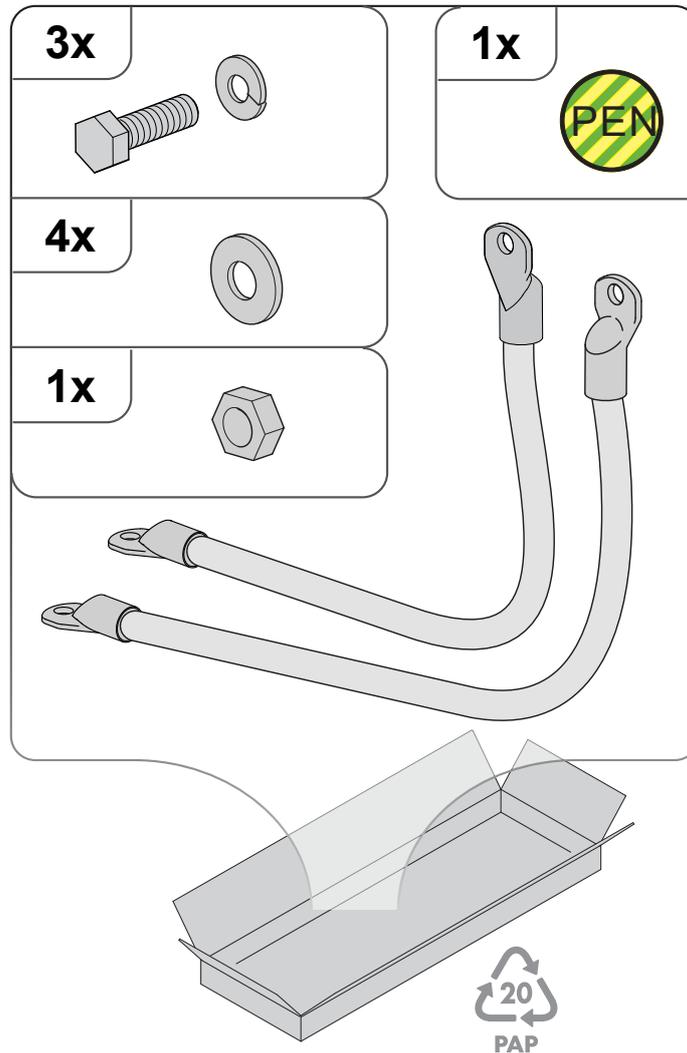




	*Don't use Output Neutral connection for PEN distribution.
	The PEN conductor must never be interrupted.

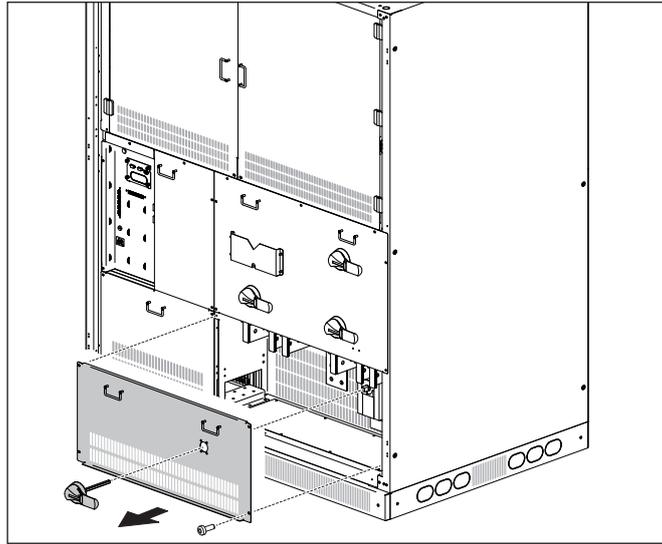
3.3. Installation sequence DMX Elite + 300-400 kVA

1 Kit TN-C for 300 - 400 kVA.

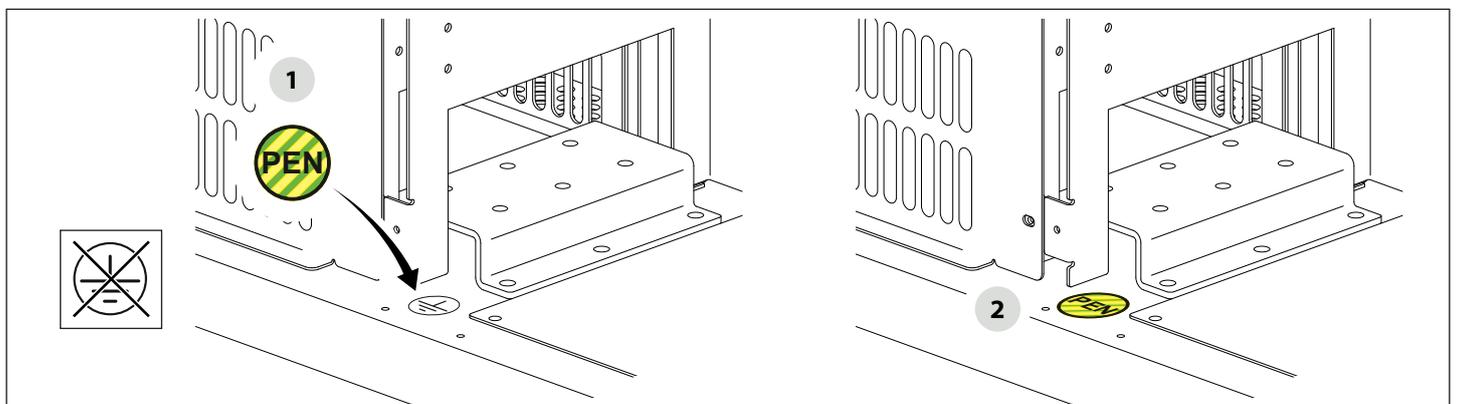
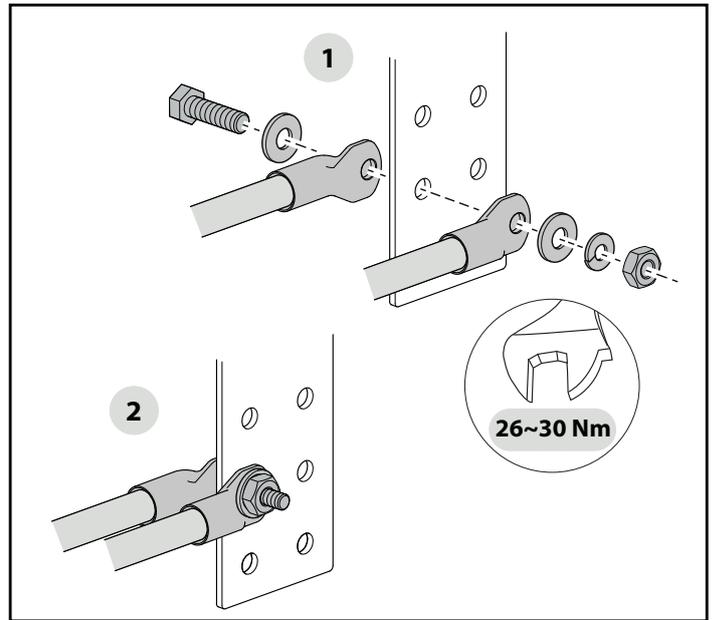
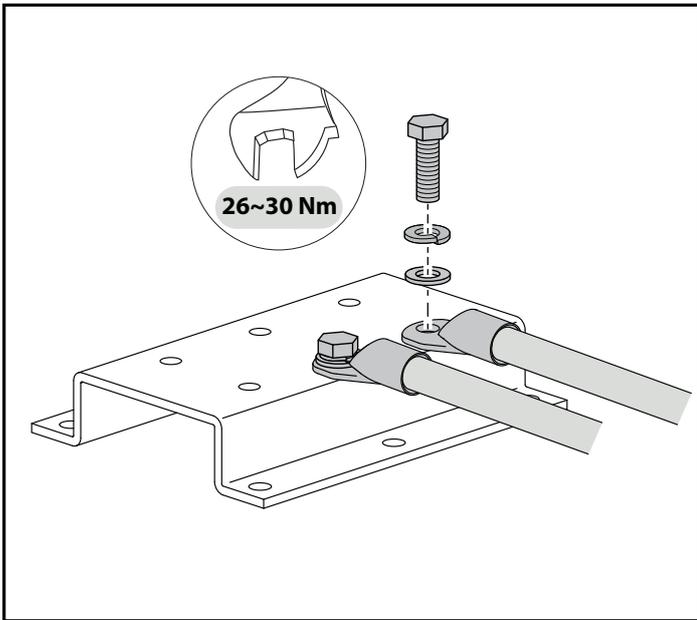


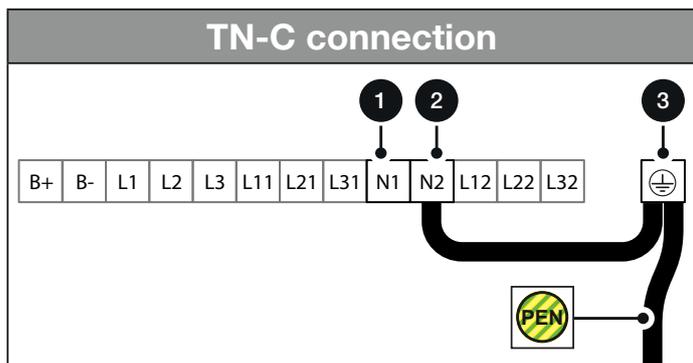
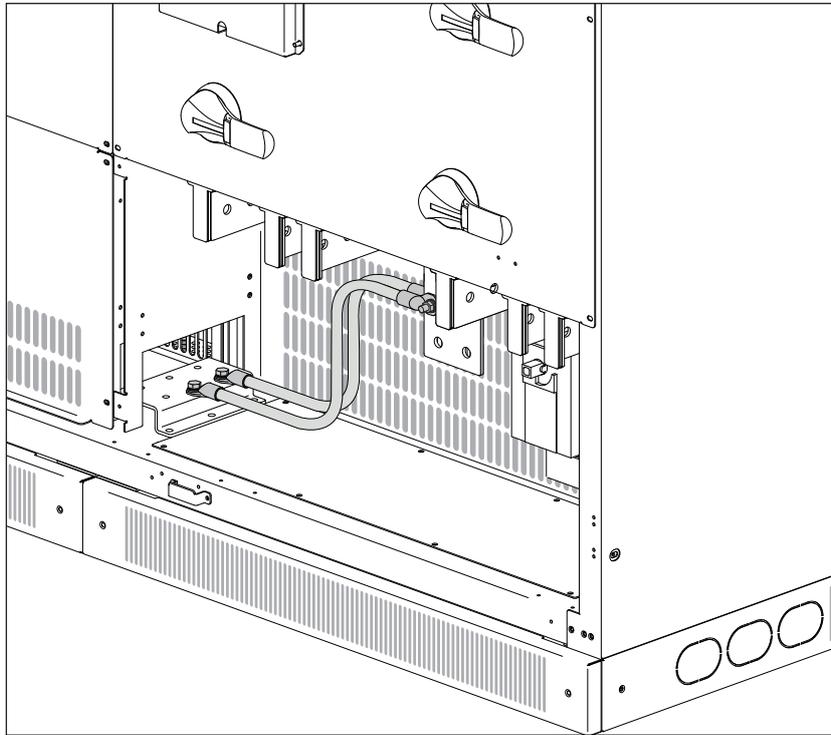
	The UPS does not ensure continuity of the neutral conductor. The output neutral must not be used as a PEN connection for the load.
	A PEN conductor is prohibited in the case of unbalanced and third harmonic current circulation.
	WARNING! Cabling errors with inversion between phase and neutral conductor may cause permanent damage to the equipment.

2 Removing front terminals protection.



3 Cable connection.





- 1** Neutral Aux Mains
- 2** Neutral Output*
- 3** UPS earth



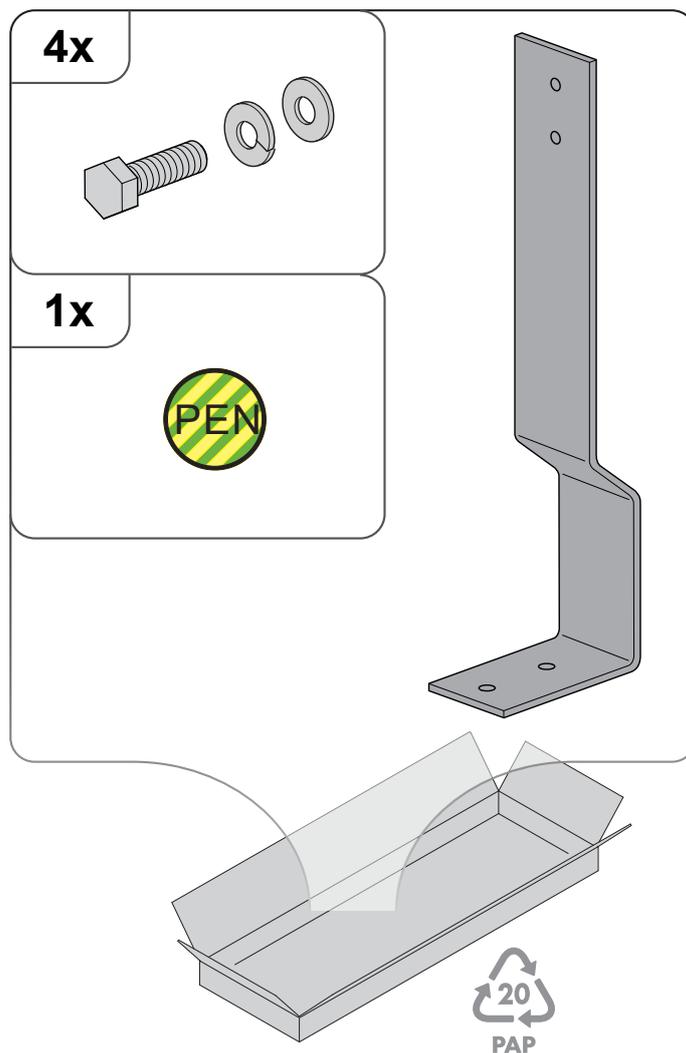
*Don't use Output Neutral connection for PEN distribution.



The PEN conductor must never be interrupted.

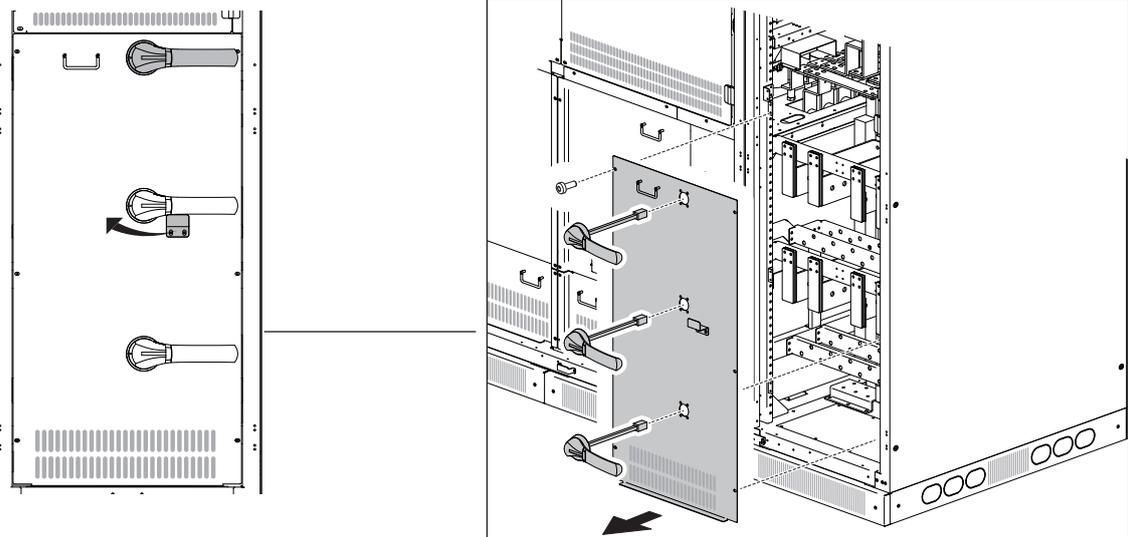
3.4. Installation sequence DMX Elite + 500-600 kVA

1 Kit TN-C for 500 - 600 kVA.

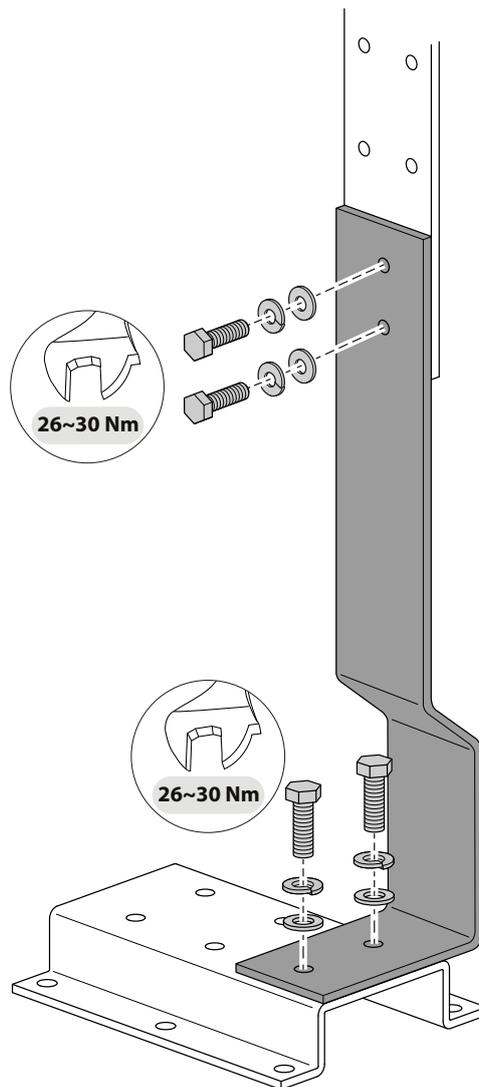


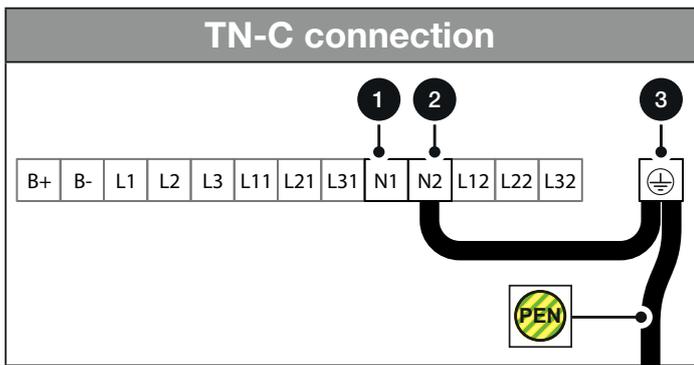
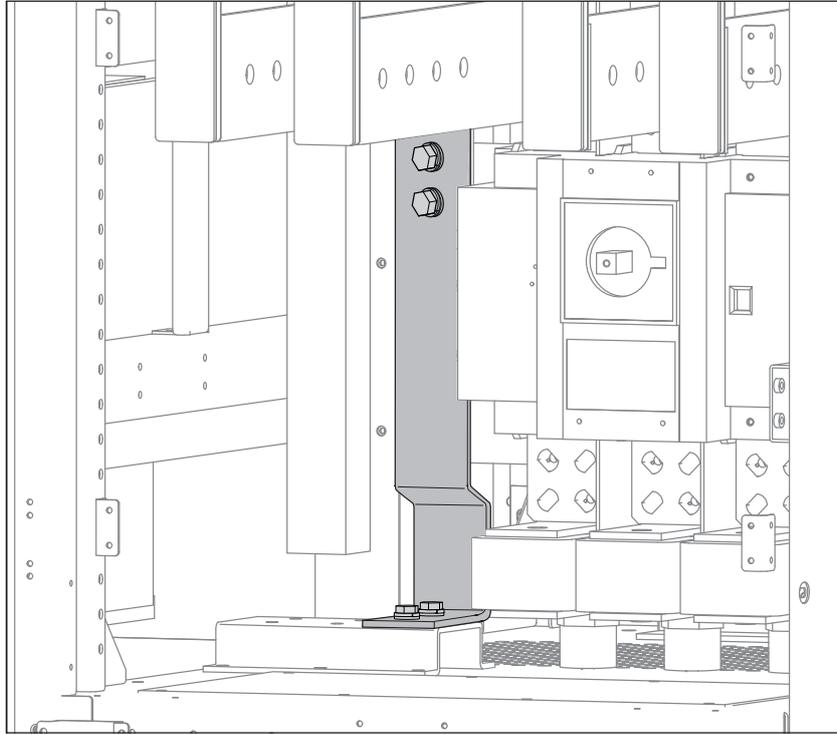
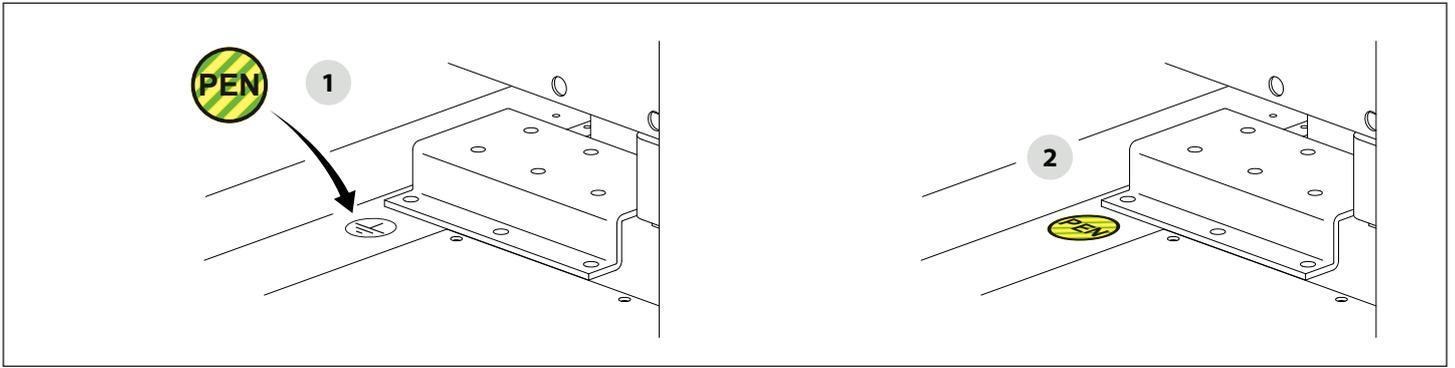
	The UPS does not ensure continuity of the neutral conductor. The output neutral must not be used as a PEN connection for the load.
	A PEN conductor is prohibited in the case of unbalanced and third harmonic current circulation.
	WARNING! Cabling errors with inversion between phase and neutral conductor may cause permanent damage to the equipment.

2 Removing front terminals protection.



3 Cable connection.





- 1 Neutral Aux Mains
- 2 Neutral Output*
- 3 UPS earth

	<p>*Don't use Output Neutral connection for PEN distribution.</p>
	<p>The PEN conductor must never be interrupted.</p>

CORPORATE HQ CONTACT:
SOCOMECSAS
1-4 RUE DE WESTHOUSE
67235 BENFELD, FRANCE



553628A - EN 10.2025

www.socomec.com

Non contractual document. © 2025, Socomec SAS. All rights reserved.



 **socomec**
Innovative Power Solutions