

Lion's City E

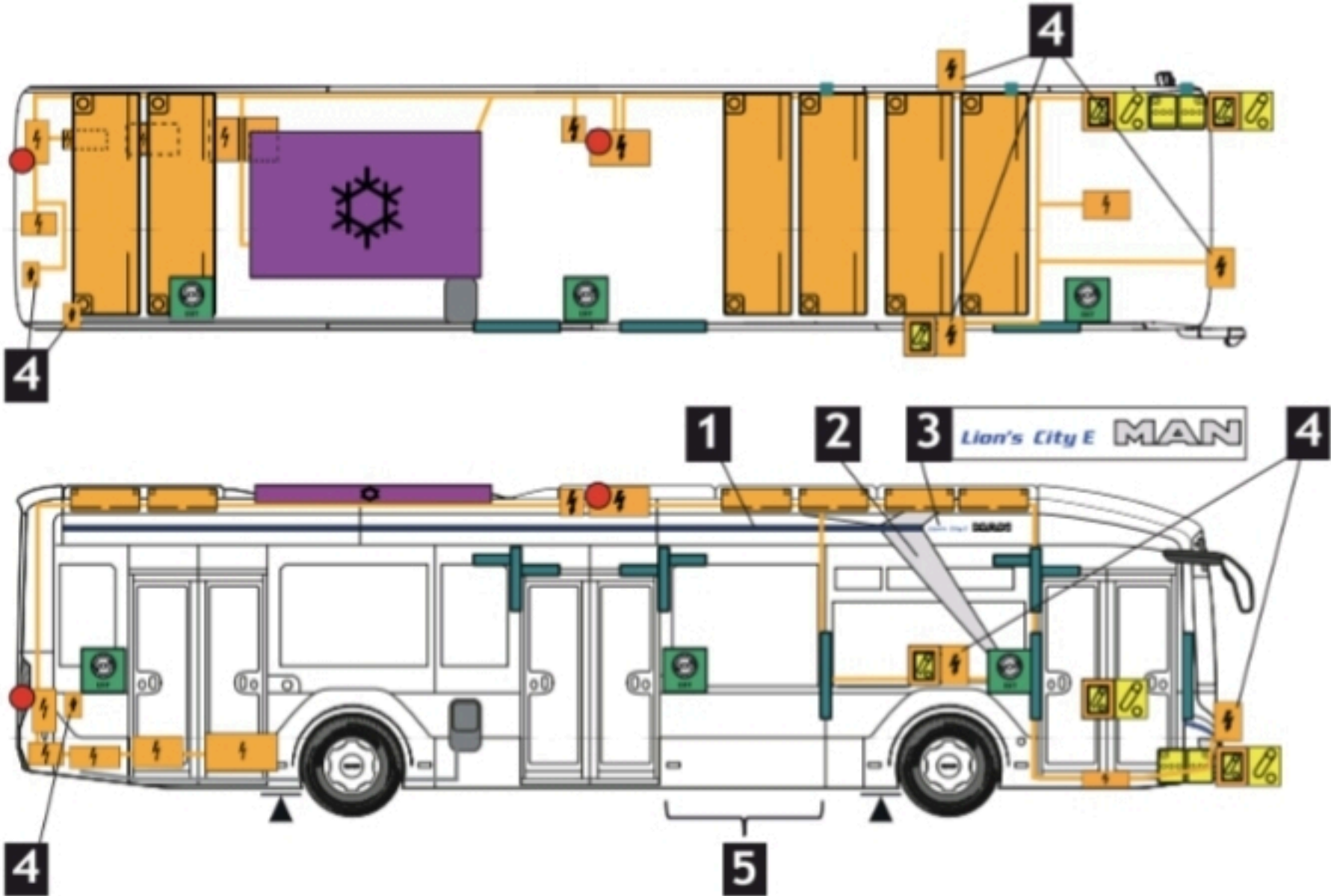


Vehicle identification

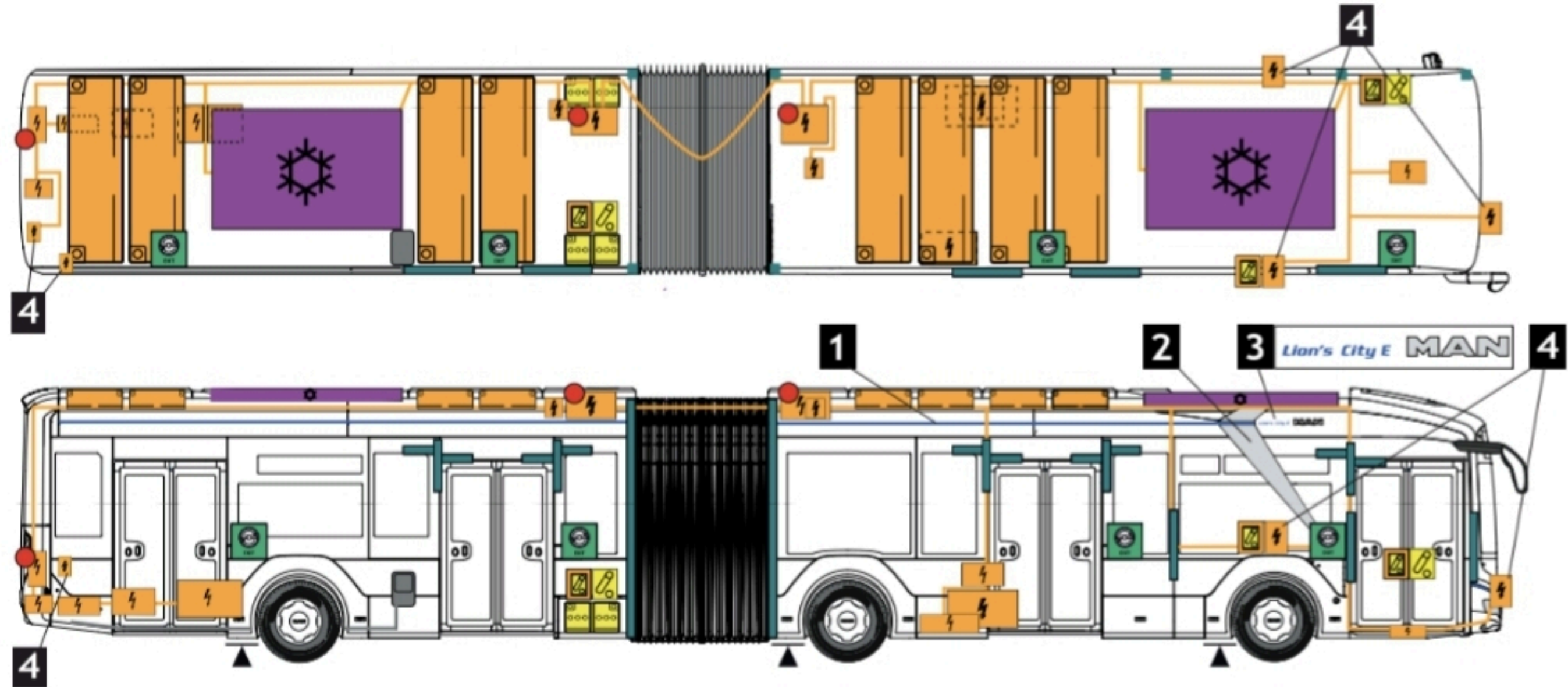
- 1 Blue stripe, MAN Pulse Blue
- 2 Anodised application
- 3 "Lion's City E" logo
- 4 Charging socket on the right above the front axle. Additional charging sockets can be installed as an option.


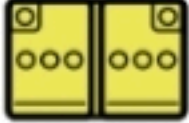

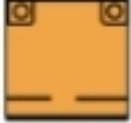












The high-voltage components and high-voltage lines of the voltage levels
 $DC\ 60V < U_{dc} < 1.5kV$ and
 $AC\ 30V < U_{ac} < 1kV$
are represented in orange in the graphics.
Inside the vehicle, the relevant high-voltage lines are designed in orange and all relevant high-voltage components are marked with a warning sign (lightning symbol). This is an IT network.





The vehicle type 12C (length 12.185 m) is shown above. For vehicle type 10C (length 10.575 m), the marked skeleton segment 5 in front of the middle step unit is omitted. Vehicle type 10C may be equipped with two or three battery modules in the front roof area.




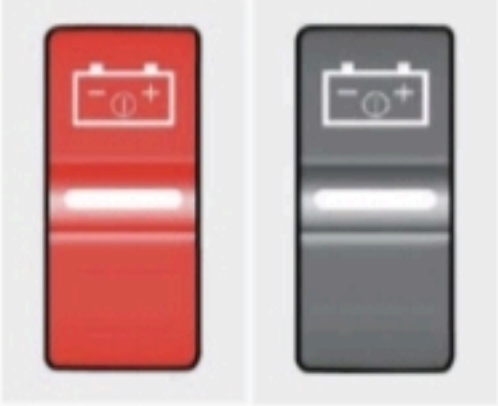
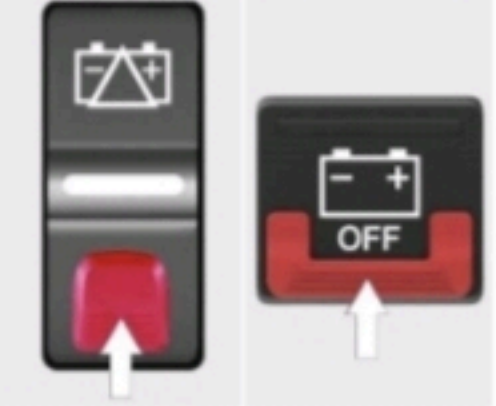



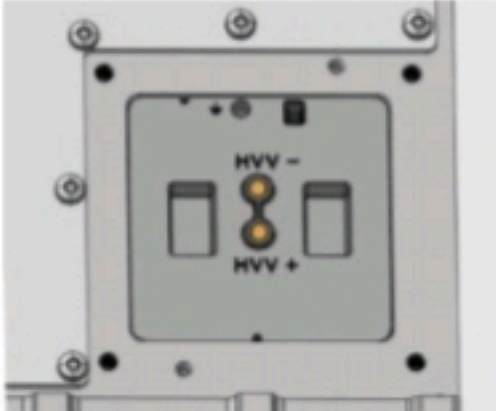
 Emergency opening of doors	 Low-voltage battery	 Vehicle electrical system disconnection	 High-voltage battery ¹	 High-voltage component	 High-voltage line	 High-voltage disconnection
 Measuring point for de-energised state	 Fuel line	 Fuel tank (heating oil)	 Refrigerant pipe	 Refrigerant component	 Chassis reinforcement	 Jacking point

¹ NMC battery (Lithium-Nickel-Mangan-Cobalt-Oxide)

Emergency opening of doors	
 <p>External and internal manual emergency opening</p> <ul style="list-style-type: none"> ▶ Remove the lock washer. ▶ Press the push button or turn the rotary switch to the right. <p>Doors are depressurised and can be opened by hand.</p>	 <p>Opening door 1 using the front button</p> <ul style="list-style-type: none"> ▶ Press the front button. <p>Door 1 opens. The front button can also be located behind the front flap.</p>

General information on fire fighting
Perform fire fighting according to country-specific regulations.

Deactivating the drive and the power supply	
<div>  <div> <p>Risk of fatal injury due to touching live parts</p> <p>Touching live parts or lines can cause serious or fatal injuries from electric shock.</p> <ul style="list-style-type: none"> Deactivate the high-voltage system using the high-voltage EMERGENCY-OFF switch. The discharge time is generally around 10 seconds; in the case of extreme structural damage, in particular to the rear of the vehicle, it may be up to 3 minutes. Do not damage orange high-voltage cables. </div> </div>	
<div>  <div> <p>Deactivating the engine and the power supply via the ignition key or the toggle switch</p> <ul style="list-style-type: none"> ▶ Turn the ignition key to the "OFF position" and pull it out or actuate the toggle switch. </div> </div> <p>The engine and the power supply are deactivated.</p>	<div>  <div> <p>Deactivating the high-voltage system using the high-voltage EMERGENCY-OFF switch</p> <p>There is one high-voltage EMERGENCY-OFF switch on the left next to the driver's workplace and one on the right-hand charging socket.</p> <ul style="list-style-type: none"> ▶ Press the high-voltage EMERGENCY-OFF switch. </div> </div> <p>The high-voltage system is deactivated.</p>
<div>  <div> <p>Deactivating the power supply via the electrical main battery switch (optional)</p> </div> </div> <ul style="list-style-type: none"> ▶ Press the bottom of the main battery switch for 2 seconds. <p>Ignition is deactivated.</p> <ul style="list-style-type: none"> ▶ Operate the bottom of the main battery switch for 2 seconds again. <p>Power supply is deactivated.</p>	<div>  <div> <p>Deactivating the 24-volt vehicle electrical system and the high-voltage system using the EMERGENCY-OFF switch (optional)</p> <ul style="list-style-type: none"> ▶ Push the red locking mechanism forwards in the direction of the arrow and press the EMERGENCY-OFF switch. </div> </div> <p>The 24-volt vehicle electrical system and the high-voltage system are deactivated. Emergency lighting and hazard warning system remain active.</p> <p>After actuating an EMERGENCY-OFF switch, no rapid lowering of the vehicle is not to be expected, provided there is no damage to the air suspension.</p>

Determine the de-energised state (damage-dependent)	
 <p>Removing the cover from the test connections</p> <ul style="list-style-type: none"> ▶ Unscrew the cover on a high-voltage distributor (see "Measuring points for de-energised state"). 	 <p>Checking that the high-voltage system is de-energised</p> <ul style="list-style-type: none"> ▶ Check that the system is de-energised via the exposed test connections using an approved test device.