

## 5. Check installation

Before applying power, perform the following checks.

<input checked="" type="checkbox"/>	<b>Check that ...</b>
<input type="checkbox"/>	The ambient operating conditions meet the specification.
<input type="checkbox"/>	If the drive will be connected to a corner-grounded TN system: The internal EMC filter is disconnected. (No metal screws.)
<input type="checkbox"/>	If the drive will be connected to an IT (ungrounded) system: The internal EMC filter and the ground-to-phase varistor is disconnected. (No metal screws.)
<input type="checkbox"/>	If the drive has not been powered (either in storage or unused) over one year: The electrolytic DC capacitors in the DC link of the drive have been reformed.
<input type="checkbox"/>	There is an adequately sized protective earth (ground) conductor between the drive and the switchboard.
<input type="checkbox"/>	There is an adequately sized protective earth (ground) conductor between the motor and the drive.
<input type="checkbox"/>	All protective earth (ground) conductors have been connected to the appropriate terminals and the terminals have been tightened.
<input type="checkbox"/>	The supply voltage matches the nominal input voltage of the drive. Check the type designation label.
<input type="checkbox"/>	The input power cable has been connected to appropriate terminals, and the terminals have been properly tightened.
<input type="checkbox"/>	Appropriate supply fuses and disconnectors have been installed.
<input type="checkbox"/>	The motor cable has been connected to appropriate terminals and the terminals have been tightened.
<input type="checkbox"/>	The brake resistor cable (if present) has been connected to appropriate terminals, and the terminals have been tightened.
<input type="checkbox"/>	The motor cable (and brake resistor cable, if present) have been properly wired through conduits.
<input type="checkbox"/>	The control cables (if any) have been connected to the control board.
<input type="checkbox"/>	There are no tools, foreign objects or dust from drilling inside the drive.
<input type="checkbox"/>	Drive and motor connection box covers are in place.
<input type="checkbox"/>	The motor and the driven equipment are ready for start-up.