

**ASB10 or ASB16: Description of connections and function**



**Connection:**

Control circuit:

<b>Connector</b>	<b>Description</b>
SE	Motor connection for stand-still detection
SP	Control signal for brake
COM	Release relay COM (base point)
NO	Control released

Load circle:

<b>Connector</b>	<b>Description</b>
V	Motor connection (see circuit diagram)
I	Mains supply <i>N for 230 V</i> <i>L2 for 400 V</i>
L	Input supply phase L3
C	Motor connection (see circuit diagram)

When connection it is essential to connect the release relay COM and NO in the control circuit of the motor contactor!

The brake should not be used on a transformer. If the brake is used in conjunction with our soft starter, it is essential to ensure the order of connections.

**Failures and corrective:**

If a fault occurs, the release relay don't switch on and a start is not possible.

**Fix the lock, by disconnecting the power supply for about 2 seconds.**

The cause of the disorder may be due to:

<b>Failures and cause</b>	<b>Corrective</b>
The braking time is higher than 14 seconds	Improve the braking power so far that the engine stops under 10 seconds
The braking time is between 10 and 14 seconds. Here, the disturbance takes place after the third braking	Improve the braking power so far that the engine stops under 10 seconds
The motor cannot start (without error)	<ul style="list-style-type: none"> <li>- Brake or mains circuit wrong connected <i>Please check wiring</i></li> <li>- Brake defect <i>Send back device</i></li> <li>- Mains supply incorrect <i>Check mains supply (fuse and so on)</i></li> </ul>
Disorder occurs immediately when switched on	<ul style="list-style-type: none"> <li>- Brake circuit (C or V) wrong connected <i>Check wiring</i></li> <li>- Brake defect <i>Send back device</i></li> </ul>
The engine starts, but then it don't brakes. Unit indicates fault	<ul style="list-style-type: none"> <li>- Connection for stand-still detection is wrong (SE or C) <i>Check wiring</i></li> <li>- Brake defect <i>Send back device</i></li> </ul>
Trouble for no apparent reason	<ul style="list-style-type: none"> <li>- The cause could be due to a short performance from the network fault <i>Error message by interrupting the power supply reset of about 2 seconds. Possibly. caused the disorder to another device on the same circuit.</i></li> </ul>