

Safe Torque Off Inputs

24V / STO A-B (C1) Connection

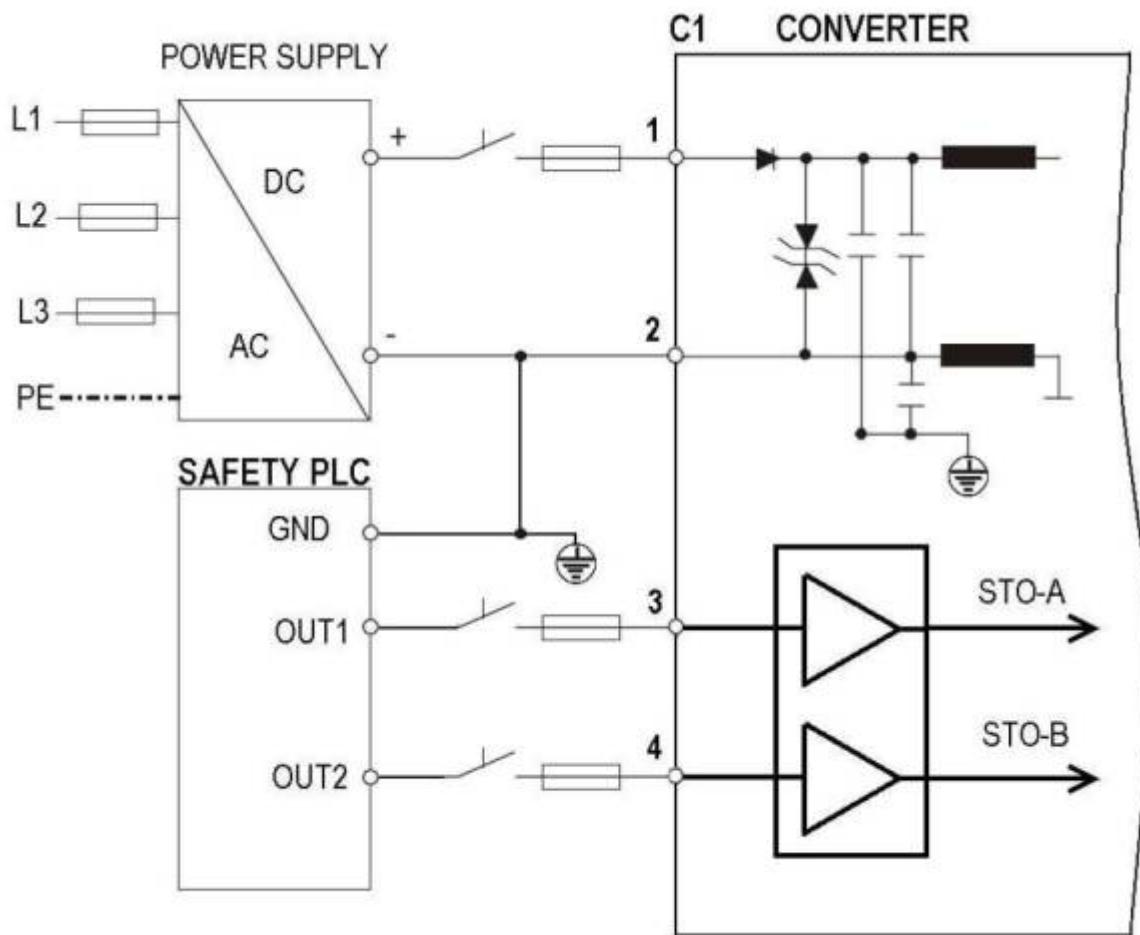
The C1 connector includes the power supply (24VDC required) and the safety inputs STO STO-A and B.

STO Input are TUEV certified with specific firmware.

C1 Connector		
PIN	PIN	Description
1	+24V	Auxiliary power supply
2	GND	Ground of the auxiliary power supply
3	STO-A	Safety input "Safe Torque Off A" (see note below)
4	STO-B	Safety input "Safe Torque Off B" (see note below)

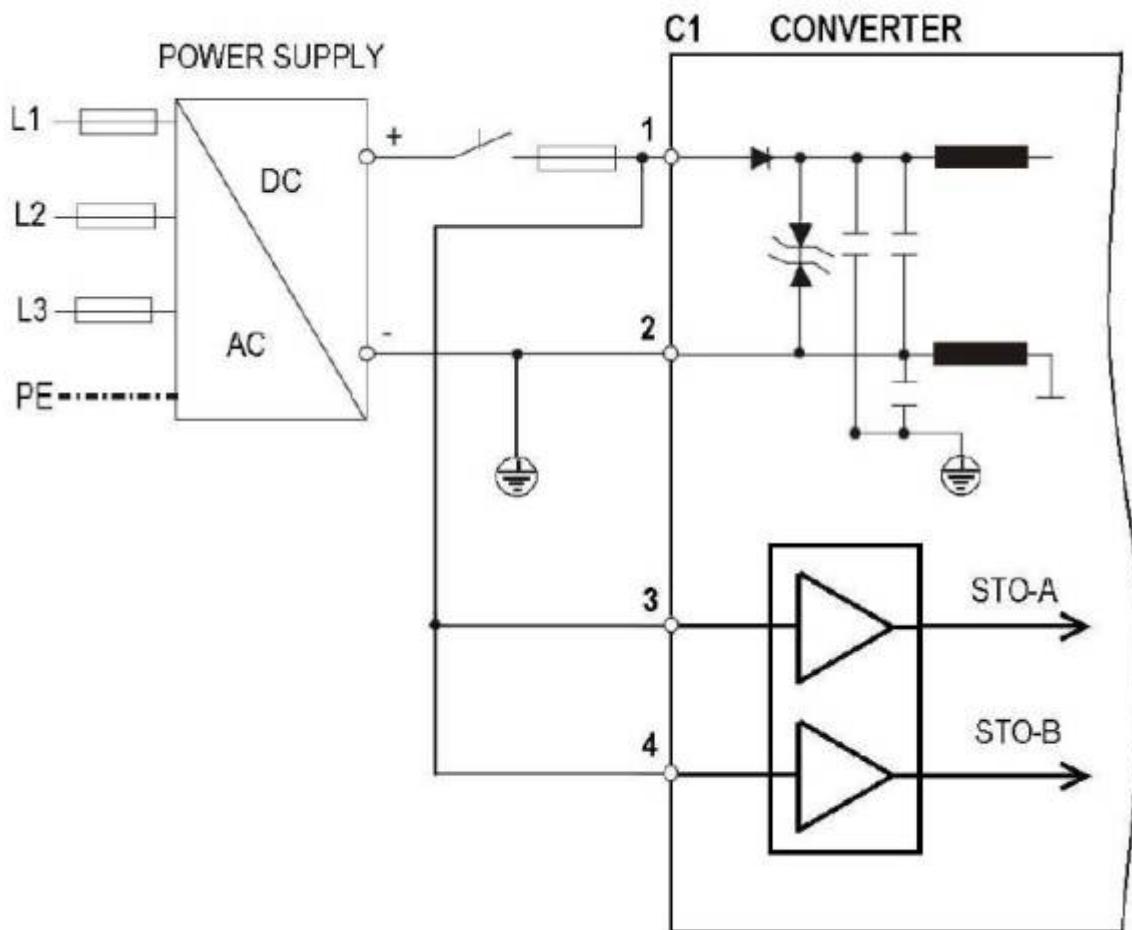
 CAUTION	<p>VERY IMPORTANT NOTE</p> <p><u>Inputs for redundant management Safe Torque Off</u></p> <p>The circuit is in the stage of approval; at the moment the manufacturer cannot be held responsible for any use for security functions .</p> <p>The servo amplifier cannot be enabled if these inputs are leaved disconnected,</p> <p>in this case the motor will remain without torque and if it is rotating, it will stop for inertia.</p> <p>Is mandatory to drive the STO inputs only when the servo amplifier is disabled</p>
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Example of connection using STO-A and STO-B inputs



Example of connection to avoid the use of STO-A and STO-B inputs

If you do not intend to use the safe inputs STO-A and STO-B just connect them directly to connector 1 of C1 (see diagram below).



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