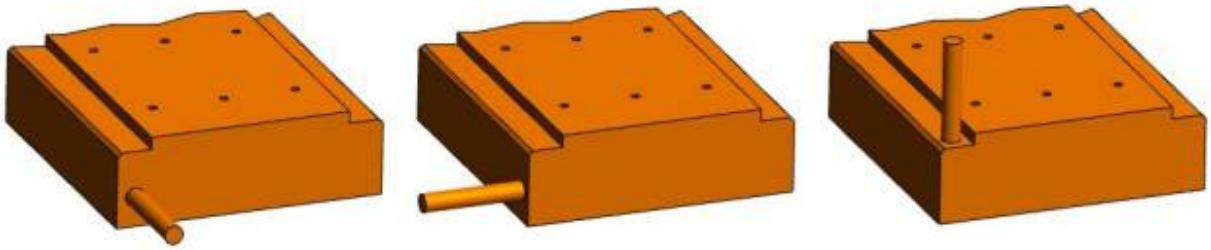
Electrical connection

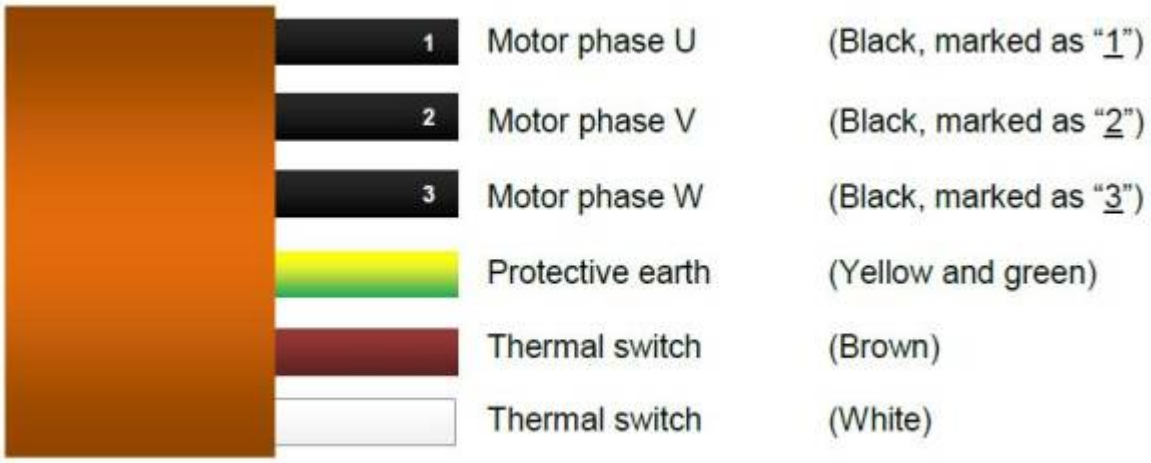
Cables

The electrical connection of linear motors is performed with using of free cable ends. For specific wiring schematic, please check the relevant documentation or contact the manufacturer.
The cable outlet is configurable. In the standard version, the cable outlet is placed parallel to x-axis, but other variants (y and z-axis) are also possible.



Power connection

L-series motors are normally provided with 1 m flexible shielded power cable without a connector (lead wires). Here is the meaning of the wire colors:



Please contact us to have the corresponding cable diameter in respect to the motor and winding code.

Power cable with connector

By request, L-series motors can be provided with 1 m flexible shielded power cable and a male

Intercontec Speedtec series connector.

Lxxx-1215/2415/3615:



Male connector

Pin	Function
1	U
2	V
3	W
⏚	PE
A	Th. Switch
B	-
C	-
D	Th. Switch

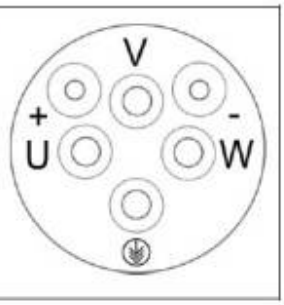


Lxxx-4815/6015:



Male connector

Pin	Function
U	U
V	V
W	W
+	Th. switch
-	Th. switch
⏚	PE



How to assembly the power or signal connectors

Please refeer to the assembly istruction here:
:ironcore_motors:montageanleitungen_gesamtkatalog.pdf

From:
https://www.nilab.at/dokuwiki/ - **NiLAB GmbH Knowledgebase**

Permanent link:
https://www.nilab.at/dokuwiki/doku.php?id=en:ironcore_motors:connection_system

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