



# Junction Block

The Junction Block is a versatile means for connecting electrodes for IML applications. It consists of a Junction Block with 8 output ports for connection of up to 8 charging electrodes or cables. An additional output port is provided for daisy chaining complementary Junction Blocks. All connection ports are equipped with quick connect plugs.

An output cable for connection to a mandrel is available with 2 metres length and can be cut to size.

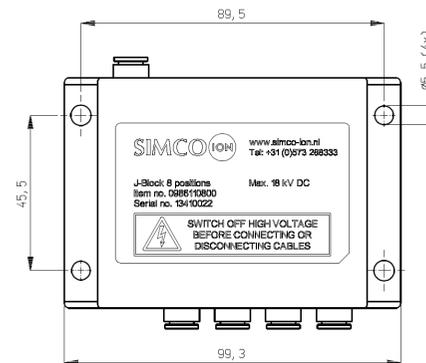
Interconnection cables are available in lengths of 0,5 , 1 , 2 and 3 metres. Connection cable for use with the CM type generator are standard 2 , 5 and 10 metres long.

The Junction Block can be used for IML applications in conjunction with IML generators with a maximum output of 18 kV.

Special connection heads for the CM Micro Easy make it possible to use the Junction Blocks with the CM Micro Easy.

## Features

- ⊕ Junction Block with 8 positions
- ⊕ Quick connect cables
- ⊕ Daisy chain possible
- ⊕ Unlimited combinations with all IML generators



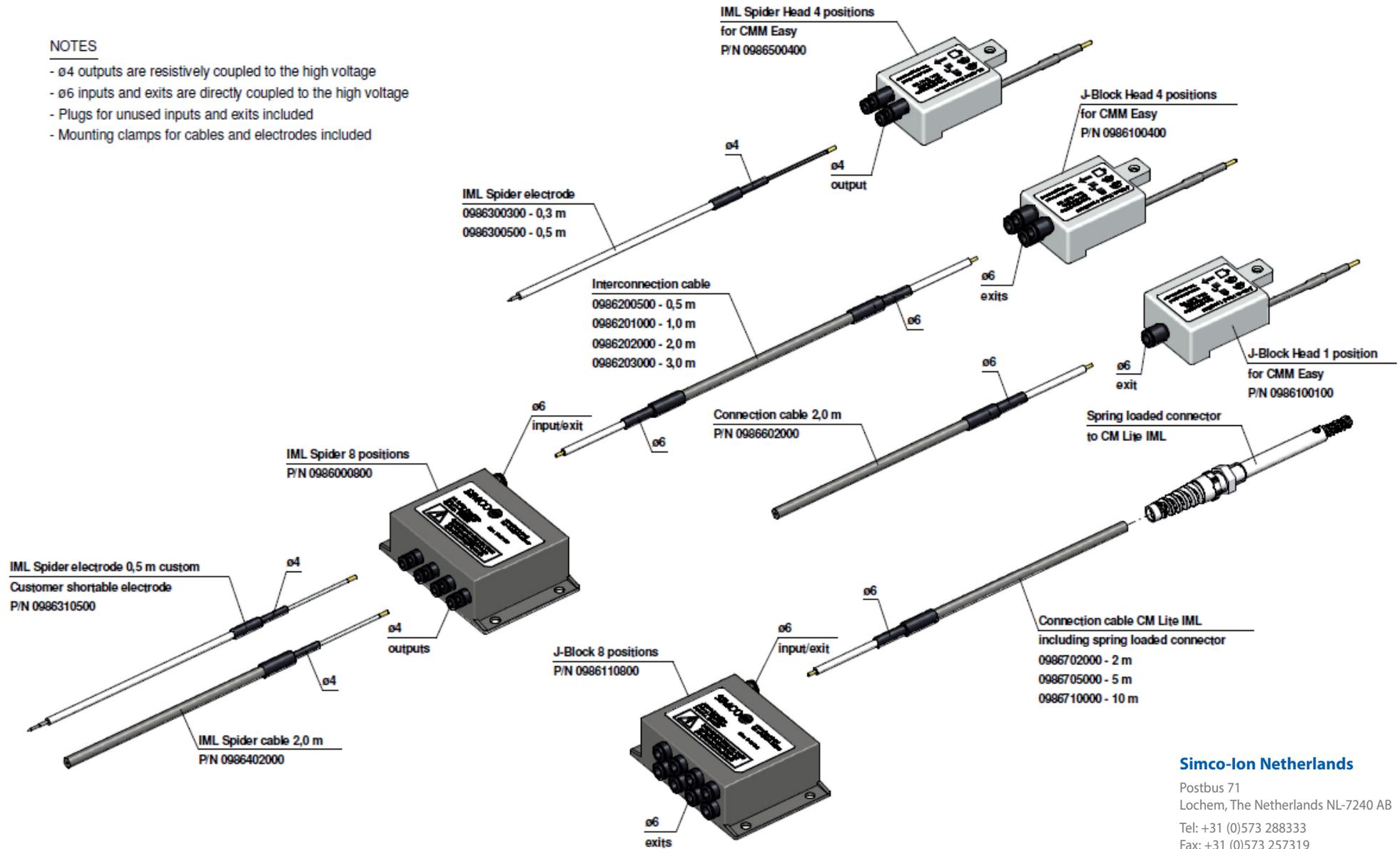
## Technical specifications

Operating Voltage	max. 18 kV DC
Current Output	J Block (Head) max. 5 mA continuous
Operating environment	Industrial, internal use
Temperature	0 - 55°C
Relative humidity	max. 90% non-condensing
Sealing	IP-54
Resistor per output	No
Dimensions (lxwxh)	99,3 x 67,5 x 31 mm
Vibration resistance	≤ 6 G, ≤ 7 m/s
Input/daisy chain connectors	2 x Ø 6 mm
Output connectors	4 x Ø 6 mm



**NOTES**

- $\varnothing 4$  outputs are resistively coupled to the high voltage
- $\varnothing 6$  inputs and exits are directly coupled to the high voltage
- Plugs for unused inputs and exits included
- Mounting clamps for cables and electrodes included



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Overview IML Spider and Junction Block