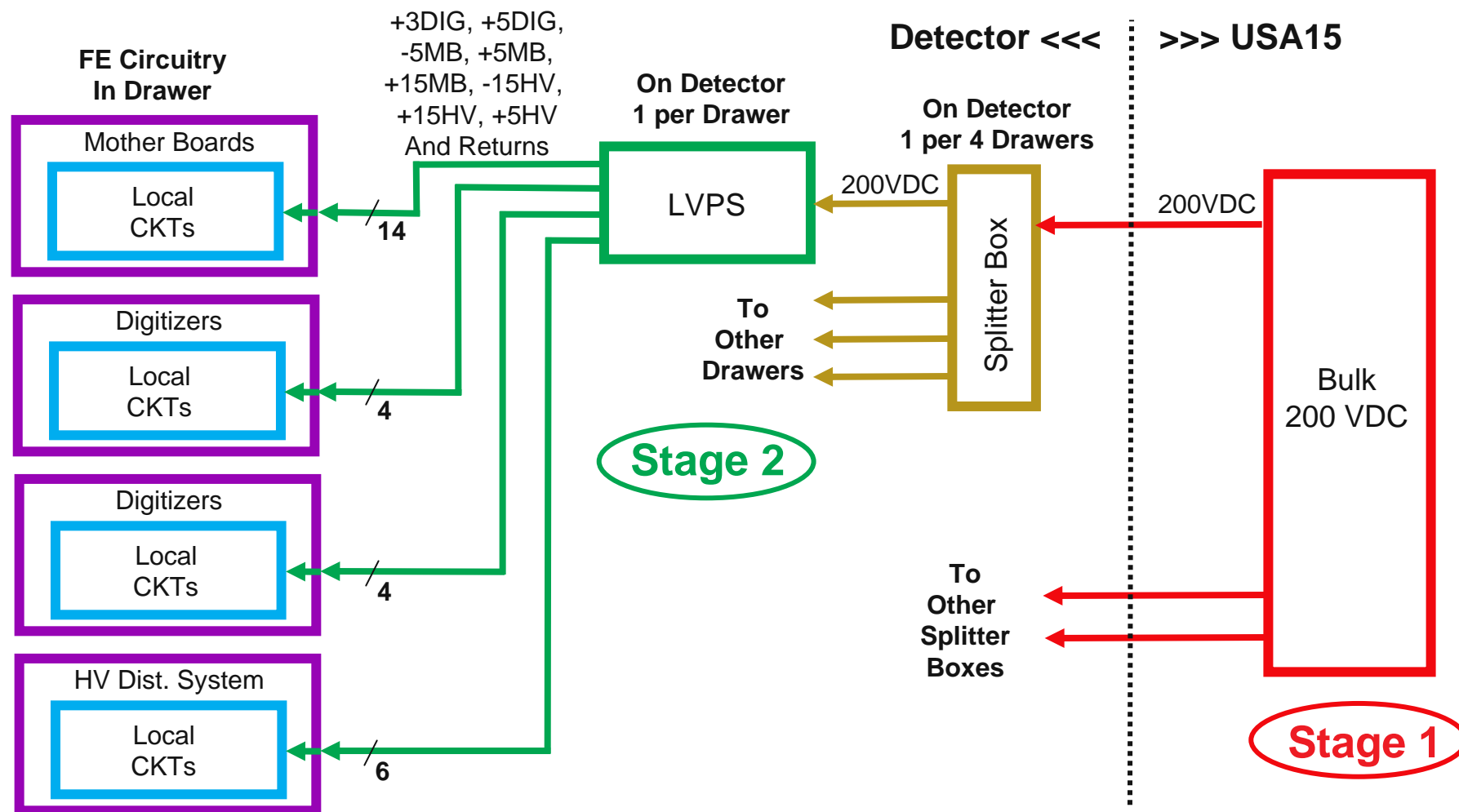


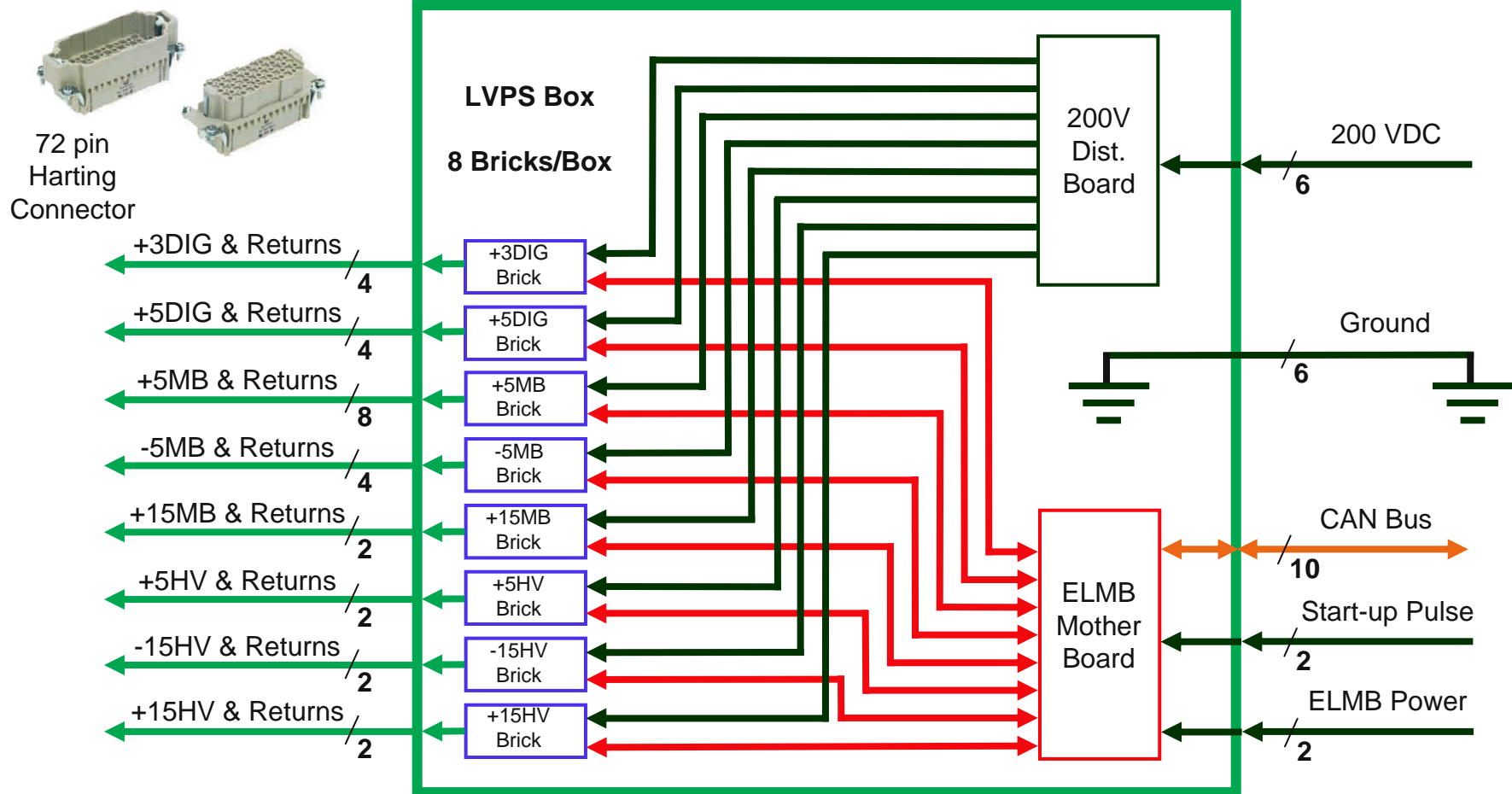
# Brief Description of the LVPS System

## ■ Block Diagram of the TileCAL Power Distribution System:



# Brief Description of the LVPS System (Cont.)

## ■ Block Diagram of the LVPS Box:

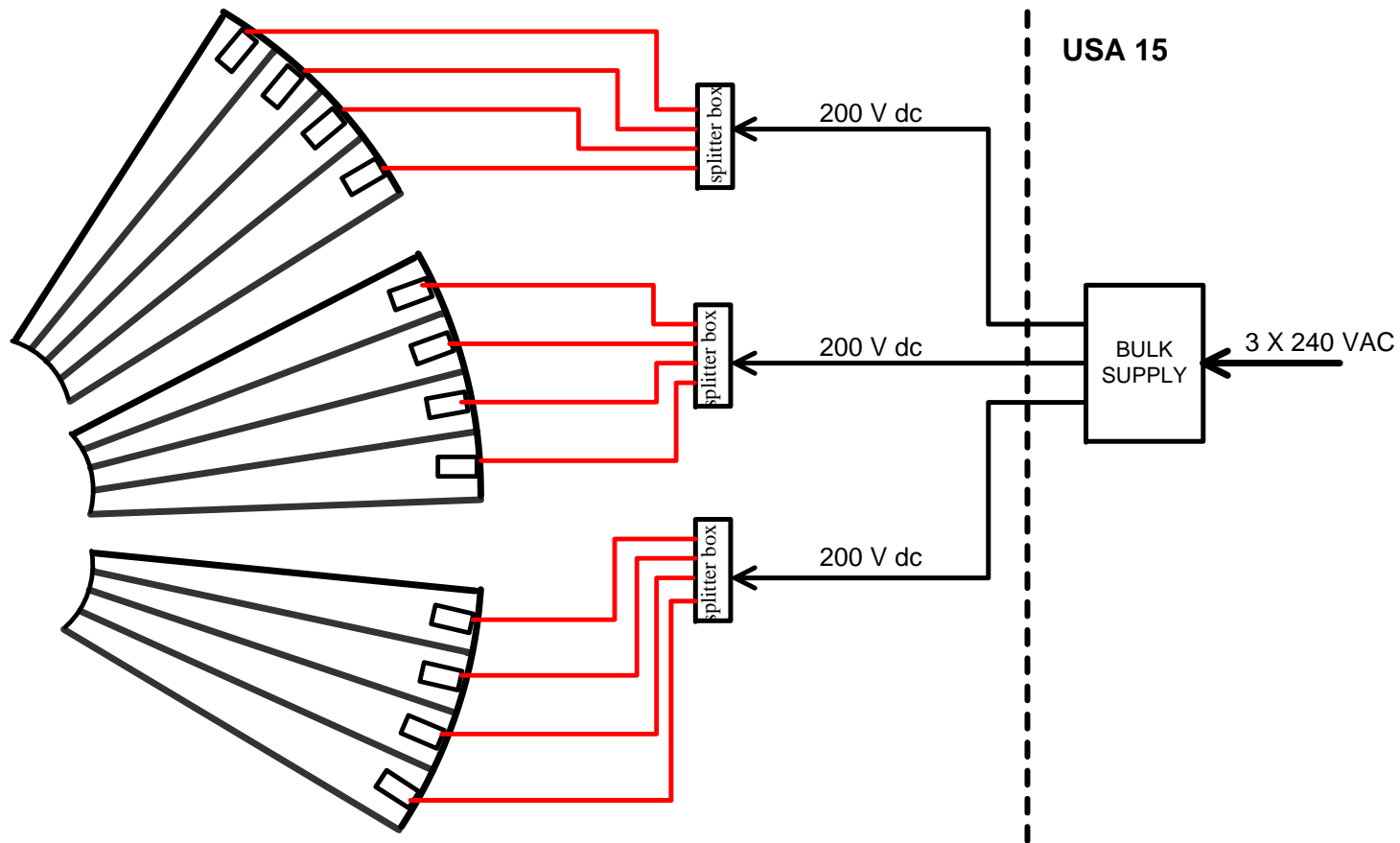


Range of Voltages: 5:1  
Range of Currents: 62:1

⇒ One Basic Brick Design  
Different Component Values

# Brief Description of the LVPS System (Cont.)

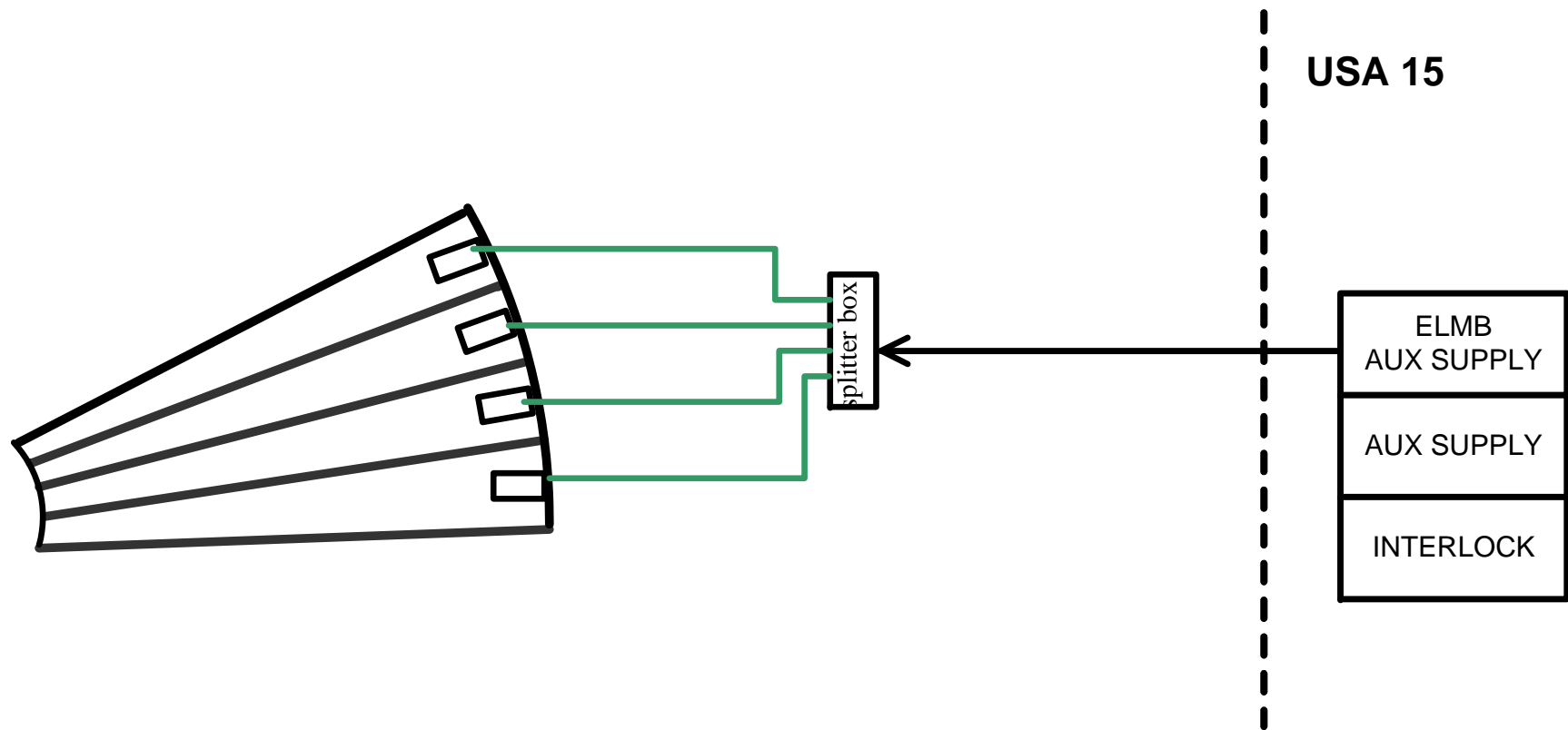
## ■ Schematic of 200V Distribution



Graphic by Ivan Hruska

## Brief Description of the LVPS System (Cont.)

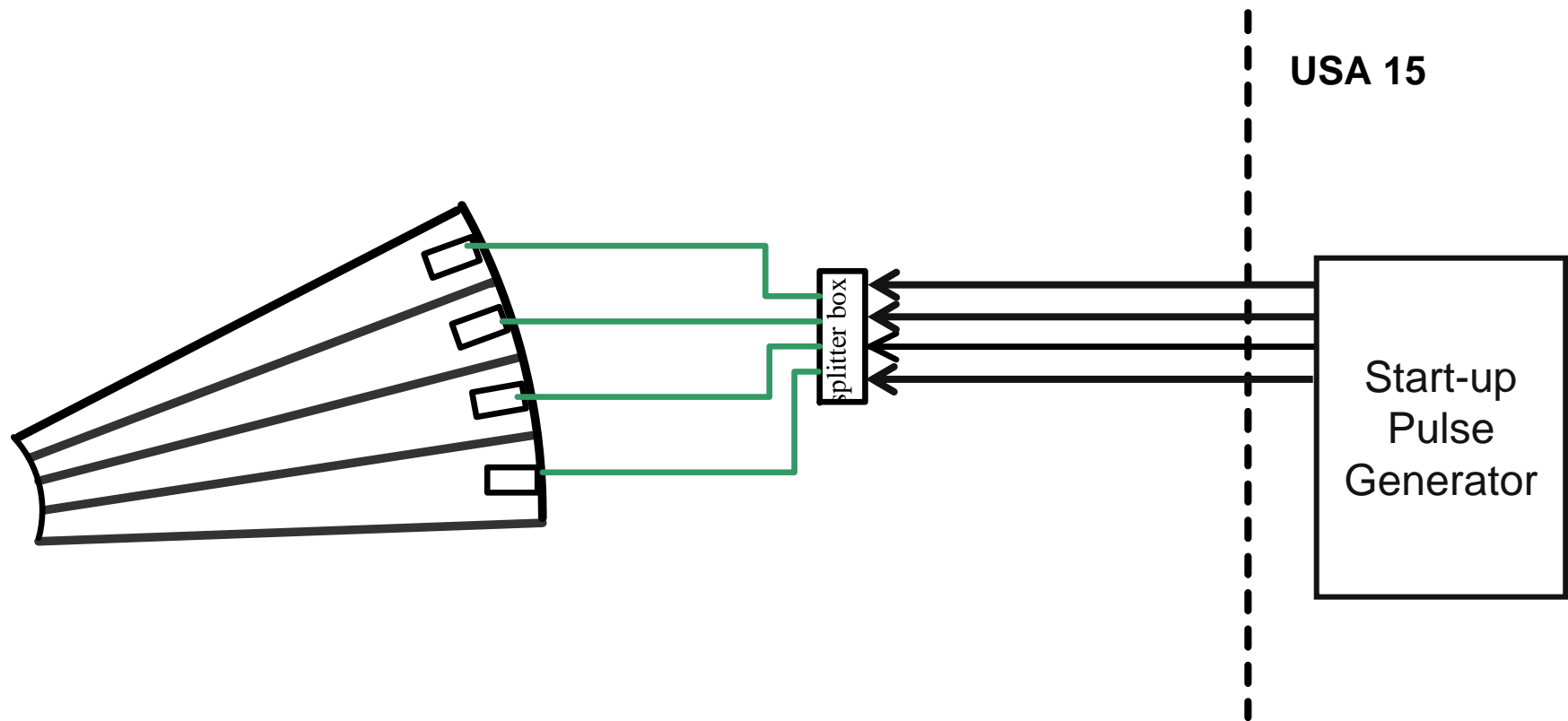
### ■ Schematic of Low Voltage Distribution for the ELMB



Graphic by Ivan Hruska

## *Brief Description of the LVPS System (Cont.)*

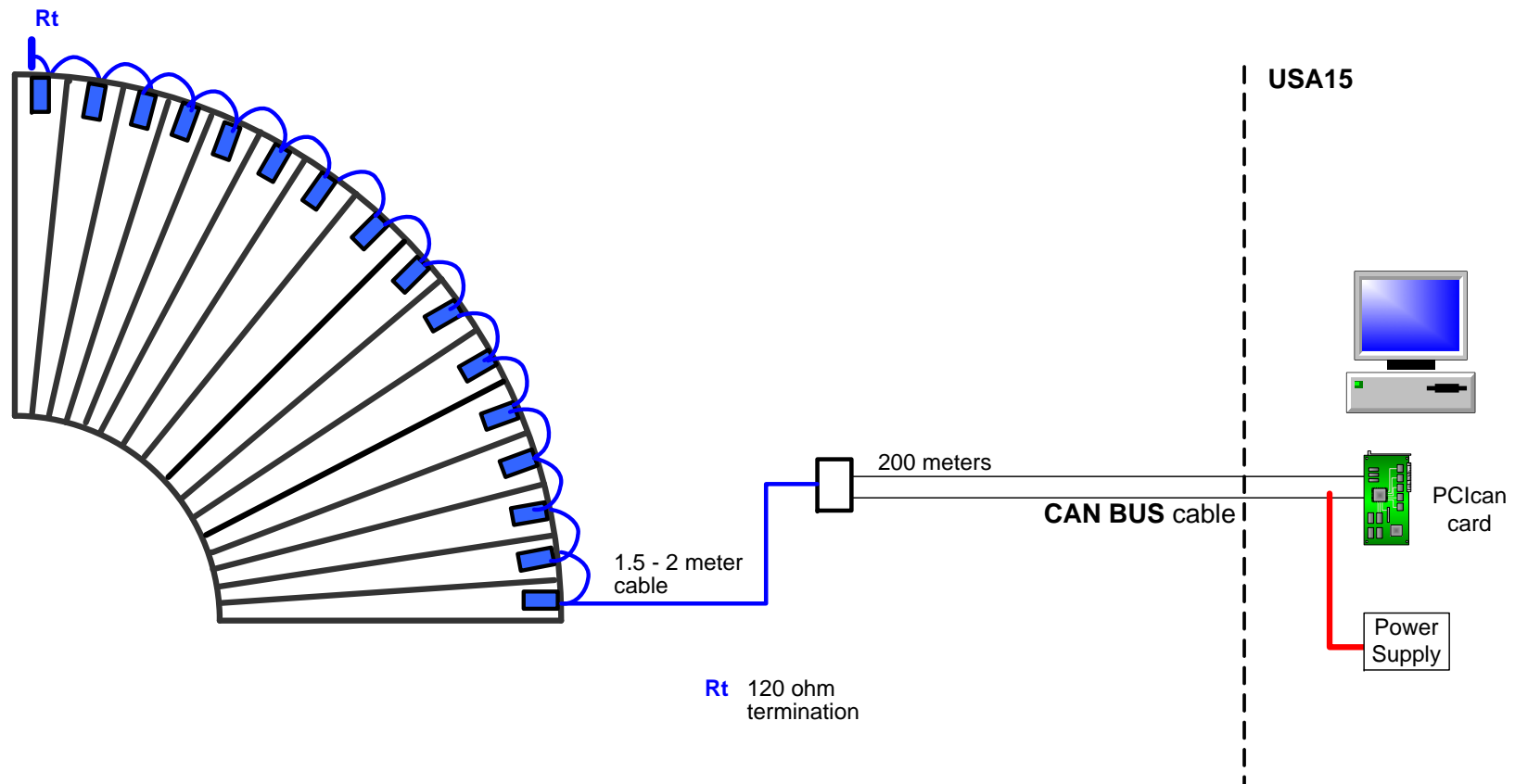
### ■ Schematic of the Start-up Pulse Distribution



Graphic by Ivan Hruska

# Brief Description of the LVPS System (Cont.)

## ■ Schematic of CAN Bus Connectivity



Graphic by Ivan Hruska