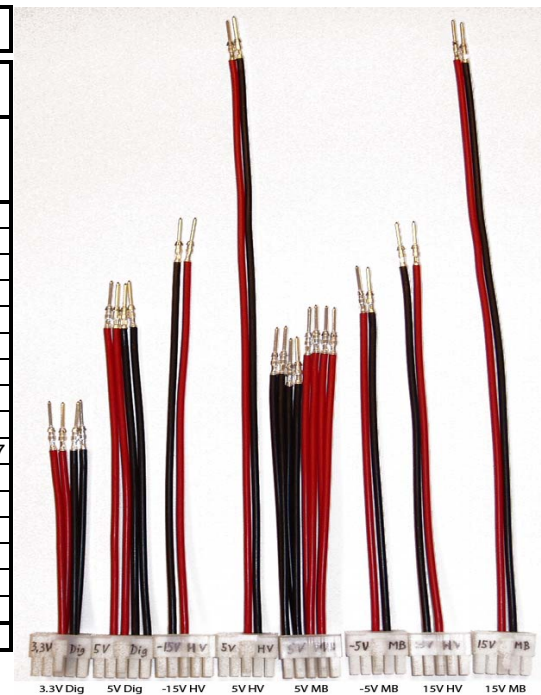


Length of the OUTPUT cables & ribbon cable CANBUS & AUX INSIDE LV Box

**Length of the cables among HARTING connector HAN 72DD
and 8 bricks inside LV Box**

Name of the brick	Cable mm ²	AWG	Color of the cable	Lengths of the cable line [mm]	Number of pin in the connector MiniFit-Jr	Type of the [Female] connector	Type of the [Female] pin	Type of the [MALE] Harting pin	Number of pin in the connector Harting HAN 72DD	Topology of pins of the connection MiniFit / Harting			
3.3V to Digitizer	1	18	2x red	2x 100	3+8	MiniFit-Jr	39-00-0039	09 15 000 6102	37+38	3/37+8/38			
	1	18	2x black	2x 100	4+9	39-01-2100			39+40	4/40+9/39			
5V to Digitizer	1	18	2x red	2x 165	2+3	MiniFit-Jr	39-01-2100	09 15 000 6102	25+26	2/25+3/26			
	1	18	2x black	2x 165	4+5	39-00-0039			27+28	4/27+5/28			
-15V to HV	1	18	red	200	3	MiniFit-Jr	39-00-0039	09 15 000 6102	42	3/42			
	1	18	black	200	4	39-01-2100			41	4/41			
5V to HV	1	18	red	315	3	MiniFit-Jr	39-01-2100	09 15 000 6102	49	3/49			
	1	18	black	315	4	39-00-0039			50	4/50			
5V to Motherboard	1	18	4x red	4x 150	2+3+7+8	MiniFit-Jr	39-00-0039	09 15 000 6102	33+34+45+46	2/34+3/33+7/46+8/45			
	1	18	4x black	2x135+2x140	135=4+9/140= 5+10	39-01-2100			135=36+48/140=35+47	4/36+5/35+9/48+10/47			
-5V to Motherboard	1	18	red	170	3	MiniFit-Jr	39-01-2100	09 15 000 6102	32	3/32			
	1	18	black	170	4	39-00-0039			31	4/31			
15V to HV	1	18	red	200	3	MiniFit-Jr	39-01-2100	09 15 000 6102	43	3/43			
	1	18	black	200	4	39-00-0039			44	4/44			
15V to Motherboard	1	18	red	315	3	MiniFit-Jr	39-00-0039	09 15 000 6102	29	3/29			
	1	18	black	315	4	39-01-2100			30	4/30			
Silicon cables			Stripping length = 2.5 mm			8 pieces		26 pieces		26 pieces		Stripping length = 7.5 mm	
						Crimping tool 69 008-724		Crimping tool 09 99 000 0110					



Name	Cable mm ²	AWG	Color of the cable	Lengths of the cable line [mm]	Number of pin in the connector SEK 18	Type of the [Female] connector	Order number	Type of the [MALE] Harting pin	Number of pin in the connector Harting HAN 72DD	Topology of pins of the connection SEK18 / Harting						
CANBUS	0.09	28	white (Ribbon cable)	235	1	Harting SEK 18 (black) alternatively 3M 3421 20pins (grey)	0918-520-6813	09 15 000 6124	51	1/51						
					2			09 15 000 6124	63	2/63						
					3			09 15 000 6124	52	3/52						
					4			09 15 000 6124	64	4/64						
					5			09 15 000 6124	53	5/53						
					6			09 15 000 6124	65	6/65						
AUX SIGNALS	0.09	28	white (Ribbon cable)	235	Harting SEK 18 (black) alternatively 3M 3421 20pins (grey)	0918-520-6813	09 15 000 6124	54	7/54							
							7	09 15 000 6124	66	8/66						
							8	09 15 000 6124	55	9/55						
							9	09 15 000 6124	67	10/67						
							10	09 15 000 6124	56	11/56						
							11	09 15 000 6124	68	12/68						
							12	09 15 000 6124	57	13/57						
							13	09 15 000 6124	69	14/69						
							14	09 15 000 6124	58	15/58						
							15	09 15 000 6124	70	16/70						
							16	09 15 000 6124	59	17/59						
							17	09 15 000 6124	71	18/71						
							Those cables cut off 40 mm from end, this is a line of their splitting									
							Pressing tool for ribbon cable HT 214					1 piece		18 pieces-gold		Stripping length = 13 mm and bend 7.5 mm back for double crossection. Separate lines in length = 40 mm
Rev.	09.11.2003	16.02.2004	11.03.2004	07.03.2005												
Zdenek Kotek	18.11.2003	19.02.2004	19.09.2004													
	25.11.2003	10.03.2004	24.09.2004													

