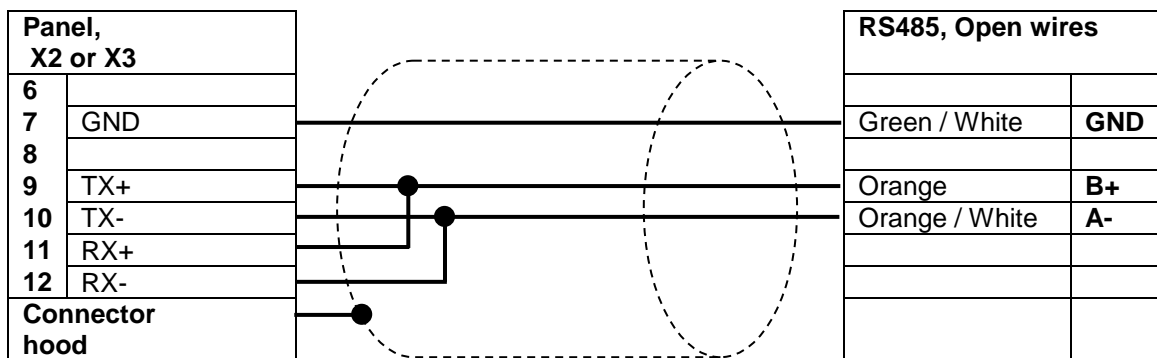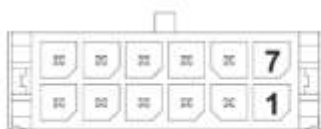# CA-EPuni3 RS485, eSMART107 - open wires

Date: March 1st, 2019
Revision: 02
Auteur: ES

Cable code	CA-EPuni3 RS485
Hiflex article number	
Description	Exor eSMART107 X2 & X3 connector, (COM2 and COM3) Standard cable length 3 meters
Type of Communication	RS485
Cable connector, panel side	Molex Connector (PN 43025-1000)
Device Connector	Open wires
Notes	Communication lines are shielded

Panel, X2 or X3			RS485, Open wires	
6				
7	GND		Green / White	**GND**
8				
9	TX+		Orange	**B+**
10	TX-		Orange / White	**A-**
11	RX+			
12	RX-			
Connector hood				

RS485 (ref. X2 - X3)

Reference	Pin	Description
	1	
	2	
	3	Used by CAN
	4	
X2	5	
RS485	6	Reserved
(COM2)	7	GND
	8	Reserved
	9	Y (TX+)
	10	Z (TX-)
	11	A (RX+)
	12	B (RX-)

Molex connector:

For assembly of the Molex connector special tools and parts are needed.

Item	Molex PN	Description
Molex tools, needed for connector assembly panel side	63819-0000	Hand crimp tool, ratchet + locator assembly
	63819-0075	Spare, locator assembly (optional)
	11-03-0043	Extraction tool, micro fit (optional)
Panel X2 and X3 serial ports (RS485+CAN)	43025-1208	12 way connector housing
	43030-0001	Contact, Micro-Fit 3.0
Panel X4 serial port (2x RS232)	43025-1000	10 way connector housing
	43030-0001	Contact, Micro-Fit 3.0

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