


lococube®
Harness KS-85

MANUAL




SAFETY INSTRUCTIONS


This manual contains notices which you should observe to ensure your own personal safety, as well as to protect the product and the connected equipment. These notices are highlighted in the manual by a warning symbol and are marked as follows, according to the level of danger:



Only qualified personnel should be allowed to install and work on this equipment. Qualified persons are defined as persons who are authorized to commission, to ground and to tag circuits, equipment and systems in accordance with established safety practices and standards.



Turn off the power supply before performing any wiring operations! Short circuits can be harmful, critical and can cause explosions and serious burns!



Please read this manual carefully and observe all safety instructions!

DESTINATED USE

The lococube® Harness KS-85 is designed to connect two or more BARTH® lococube® products and/or other hardware.

DISCLAIMER

BARTH® assumes no liability for usage and functionality of the lococube® when disregarding the safety guidelines in this manual. The strict accordance of the guidelines is important since the installation methods, peripheral connections, usage and maintenance can not be controlled by BARTH®. Therefore BARTH® assumes no liability for any claims.

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1 Product Features

- Easily connect two lococube® devices
- CAN lines are terminated (60 Ohm)
- Termination resistor unpluggable
- Clip-on connector for easy connection to other hardware

1.1 Delivery Content

- Harness KS-85
- Power supply – 25 W, 12 V, 2.08 A

2 Wiring

2.1 X1 & X2 connector: Supply & CAN

1	+	+VDD	Positive Supply Voltage
2	-	GND	Ground
3		CANH	CAN High
4		CANL	CAN Low

2.2 X3 connector: Positive supply voltage

1	+	+VDD	Positive Supply Voltage
2	+	+VDD	Positive Supply Voltage
3	+	+VDD	Positive Supply Voltage
4		FREE	Customer Use
5		FREE	Customer Use

2.3 X4 connector: Ground

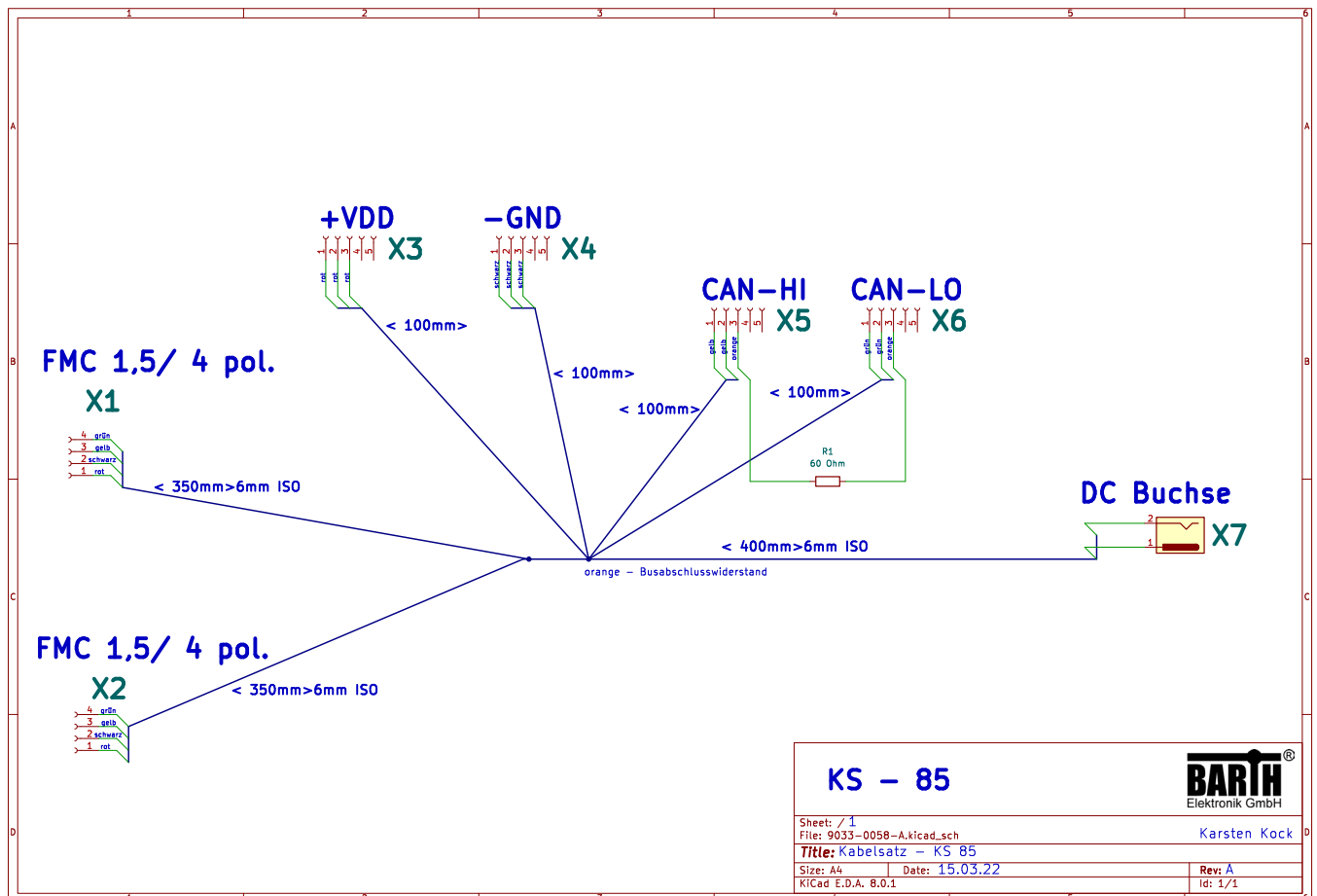
1		GND	Ground
2		GND	Ground
3		GND	Ground
4		FREE	Customer Use
5		FREE	Customer Use

2.4 X5 connector: CAN High

1		CANH	CAN High
2		CANH	CAN High
3		R1	Termination Resistor (60 Ohm)
4		FREE	Customer Use
5		FREE	Customer Use

2.5 X6 connector: CAN Low

1		CANL	CAN Low
2		CANL	CAN Low
3		R1	Termination Resistor (60 Ohm)
4		FREE	Customer Use
5		FREE	Customer Use



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