AMKASYN
Adapter AP-CI3 (Part-No. O777)
ACC – Wago Multiconnector
Connector 5 pin

Version: 2010/08
Part-No.:   201549

Notes on this document

Name:	PDK_201549_Adapter_AP-CI3_en

Version:

Version	Change	Letter symbol
2010/08	Corrections only in the German version	LeS

previous version: 2007/04

Product version:

Product	Firmware Version (AMK part-no.)	Hardware Version
AP-CI3	-	-

Reservation: We reserve the right to modify the content of the documentation as well as to the delivery options for the product.

Publisher: AMK Arnold Müller Antriebs- und Steuerungstechnik GmbH & Co. KG
Gaußstraße 37 – 39,
73230 Kirchheim/Teck
Tel: 07021/5005-0,
Fax: 07021/5005-176
E-Mail: info@amk-antriebe.de
Dr.h.c. Arnold Müller, Eberhard A.Müller, Dr. Günther Vogt
Registration court Stuttgart HRB 231283; HRA 230681

Service: Tel. no. +49/(0)7021 / 5005-191, Fax -193
Office hours: Mo-Fr 7.30 - 16.30, on weekends and holidays, we provide you with our Emergency Support team telephone number on our answering machine.
For fast and reliable troubleshooting, you can help us by informing our Customer Service about the following:
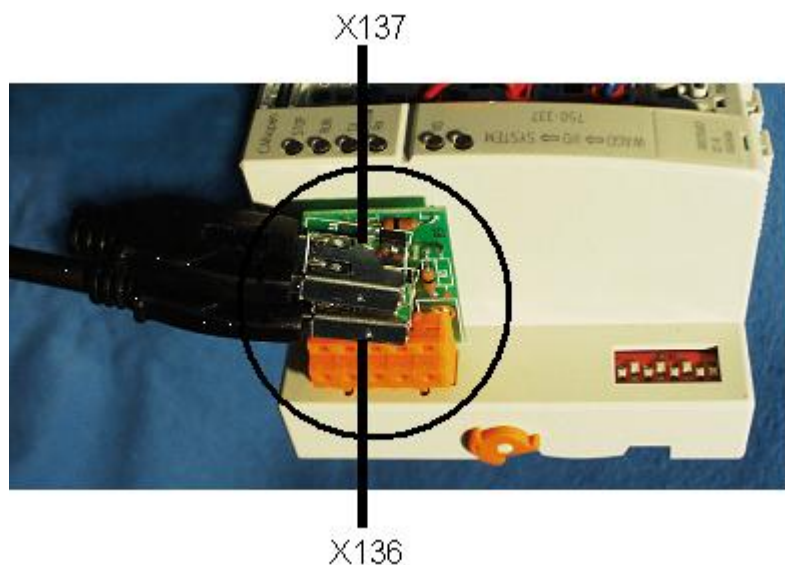
- Type plate data for each unit
- Software version
- Device configuration and application
- Type of fault/problem and suspected cause
- Diagnostic messages (error messages)

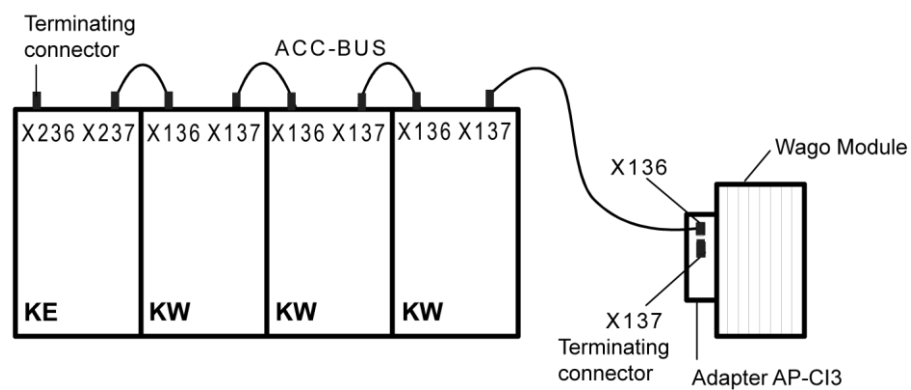**Internet address:**   www.amk-antriebe.de

Content

Intended Use

picture name: ZCH_Adapter_AP-CI3

The adapter AP-CI3 interlinks the ACC bus interface (AMK CAN Communication) of the AMK devices with the CANopen interface of a Wago module (e.g. for Wago-CAN-IO-Clamp with 232-265).

The ACC bus interface is located on the top of the AMK controller card of the drive systems KU or KE/KW or on the option card PLC or rather on the option card AS-FCT1/FCT2 on the AMKASYN controller.
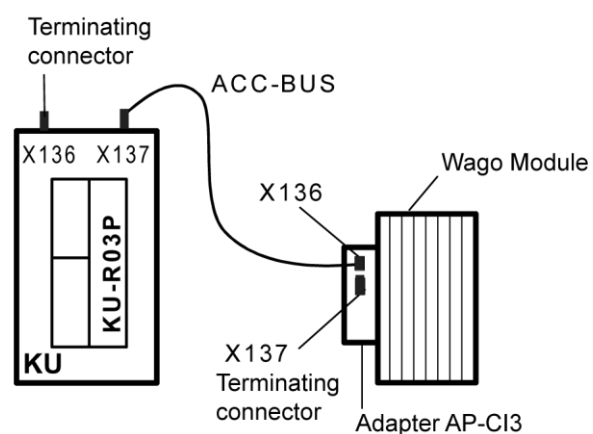
Application examples

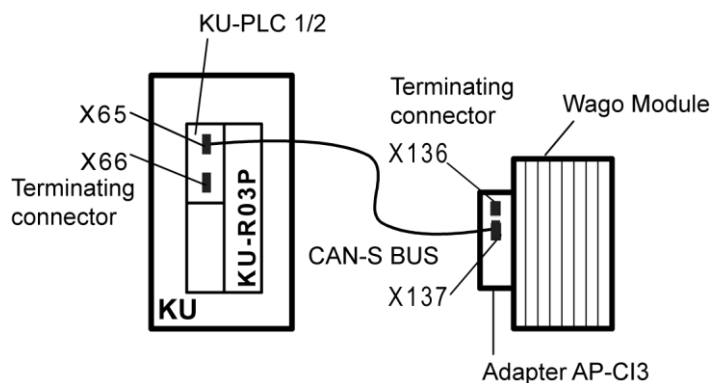## Application example KE/KW with Wago module

picture name: ZCH_AP-CI3_KEKW_wago

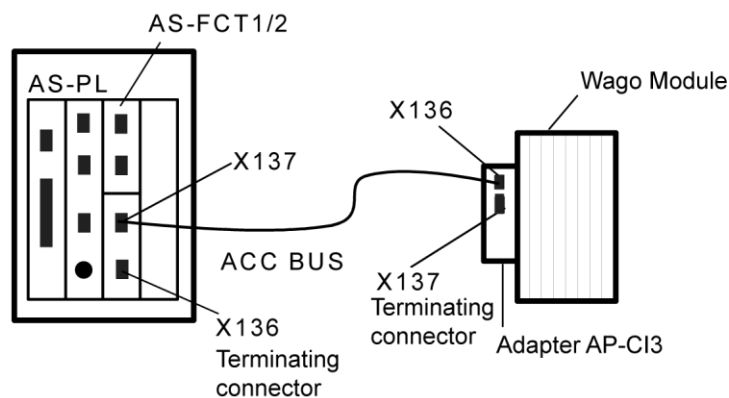## Application example KU with Wago module

picture name: ZCH_AP-CI3_KU_wago

Application example KU with PLC option card (KU-PLC1 or PLC2) and Wago module

picture name: ZCH_AP-CI3_KUmitSPS_wago

Application example controller with option card AS- FCT1 and Wago module

picture name: ZCH_AP-CI3_AS-FCT_wago

☞ The interlink from adapter AP-CI3 to the ACC bus can be done at any spot in the ACC bus. The ACC connection must be crossed over. If the adapter AP-CI3 will be connected at first or last ACC node, a bus terminator must be plugged in. The adapter AP-CI3 is only allowed to connect to a ACC bus at zero current.

Pin Assignment

Pin Assignment Wago- plug

Pin Wago	Mark
1	NC
2	CAN_L
3	NC
4	CAN_H
5	NC

Pin Assignment ACC

ACC assignment X137 / X237				ACC assignment X136/X236		
Pin	X137	Remarks		Pin	X136	Remarks
1	N.C.	AMK internal		1	N.C.	AMK internal
2	GND	Ground		2	GND	Ground
3	CAN_H	CAN High		3	SYNC_H	SYNC High
4	CAN_L	CAN Low		4	SYNC_L	SYNC Low
5	SYNC_H	SYNC High		5	CAN_H	CAN High
6	SYNC_L	SYNC Low		6	CAN_L	CAN Low
Housing	PE	Shield		Housing	PE	Shield

EMC Notes

The ACC bus which is connected, must have shielded cables. The shield must have a conducting connection to the connector housing.

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Therefore we are ready to optimize our documentations.
Your comments or suggestions are always interesting for us.
We would be please if you take a bit time and answer our questions. Please return a copy of this page to us.

e-mail: dokumentation@amk-antriebe.de
or
fax-No.: +49 (0) 70 21 / 50 05-199

Thank you for your assistance.
Your AMK documentation team

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