



Overview software releases KE-E03

Version: 2016/06

Part no.:

Translation of the "Original Dokumentation"

AMK

Impressum

Name: PDK_Freigaben_KE-E03

Version:

Version	Change	Initials
2016/06	Release added: V3.04s 2014/32 (205295)	LeS

Previous version: -

Product version:

Product	Firmware version (AMK part no.)	Hardware version (AMK part no.)
KE, KEN, KES (with ACC bus)	-	-

Purpose: Overview of released software versions of the entered products

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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)

E-mail: service@amk-group.com

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Display conventions

Display	Meaning
0x	0x followed by a hexadecimal number, e.g. 0x500A
'Name' 'Parameter' 'Diagnostic messages'	e.g.: Calling up the 'Delete PLC programme' function. ID1234 'Parameter text' 1234 'Diagnostic message'
→	Task procedure / operating sequence, e.g. 'Start' → 'All programs' → 'Accessories' → 'Editor'

Content

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Software release: KE with ACC bus

Release version	Note	Release date	Part number	Overview of changes
V3.04s 2014/32	Special software	2014/32	205295	<p>Based on firmware V3.04 2013/03 (204405)</p> <p>New:</p> <ul style="list-style-type: none"> Status message QUE (inverter acknowledgment ON) is reset by time-controlled after 1000 ms <p>Sequence in detail:</p> <ol style="list-style-type: none"> Withdrawal UE=0 Mains separation (main contactor opens) Waiting time switch-off delay main contactor 1000 ms QUE is reset The DC bus is forcibly discharged via the braking resistor for a maximum of 3 ms <p>Procedure in the standard software V3.04 2013/03 (204405)</p> <ol style="list-style-type: none"> Withdrawal UE=0 Mains separation (main contactor opens) Wait until the mains (all 3-poles) is disconnected from the mains QUE is reset The DC bus is forcibly discharged via the braking resistor for a maximum of 3 ms <p>Corrections:</p> <ul style="list-style-type: none"> - <p>Notes:</p> <ul style="list-style-type: none"> If the main contactor can not open, because, for example, the contacts are glued, the braking resistor is stressed for 3 s with very high power loss. The AMK braking resistors are approved for this operating point. The glued contactor is detected, SBM is removed and a diagnosis number is generated.

Release version	Note	Release date	Part number	Overview of changes
V3.04 2013/03		2013/03	204405	New: <ul style="list-style-type: none">ID34026 bit 9 bit 9 = 0: waiting time for ACC bus master 15 s bit 9 = 1: waiting time for ACC bus master endless Corrections: <ul style="list-style-type: none">In spite of 'clear error' ID32903 'DC Bus on' could not be set to 0. The KE must be switched off and on again. Due to the correction now ID32903 can be written to 0. With a positive edge (0 → 1) in ID32903 UE is set again.