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Technical Note 198

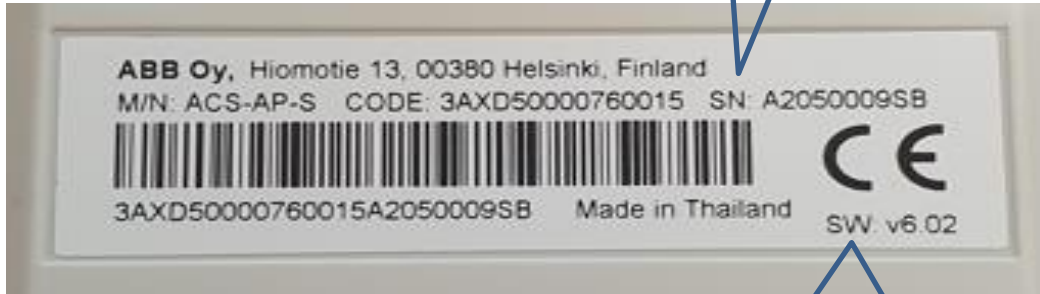# Assistant Control Panel Hardware vs Software revisions

Assistant control panel version compatibility

This document discusses different hardware versions of 80 series drive assistant control panels and what software is compatible with them.

First let's discuss how to identify the different hardware versions of a control panel. The first position of the serial number displays a letter that identifies the revision of the assistant control panel. In the example below we can determine this is Rev A.

SN means serial number

First letter at beginning shows revision of panel

ABB Oy, Hiomotie 13, 00380 Helsinki, Finland
M/N: ACS-AP-S   CODE: 3AXD50000760015   SN: A2050009SB

3AXD50000760015A2050009SB   Made in Thailand

SW. v6.02

CE

Software Version

Many of these panels have three different hardware revision groups. See below tables for compatibility. There are two different part numbers with different software depending on the revision of the panel. The software for each revision group is not compatible with other revisions of the panels. For example, Rev K and older software cannot be upgraded to Rev L software Ver 6.xx.

ACS-AP-S Panel

This panel has 3 different groups of hardware. Note the versions for software compatibility.

Type	ACS-AP-S module		
MRP code	3AXD50000132454		3AXD50000760015
Revision	K and older	L	A
GPAPS_v5.95	√		
GPAPS_v6.00.0.1		√	
GPAPS_v6.02_RA			√
GPAPS_v6.02.0.2_RA			√
GPAPS_v6.03.0.2_GD		√	
GPAPS_v6.02.0.6_RA			√

ACH-AP-S Panel

This panel has 3 different groups of hardware. Note the versions for software compatibility.

Type	ACH-AP-H module		
MRP code	3AUA0000064886		3AXD50000759651
Revision	D and older	E	B and older
GPAPH_v5.95	√		
GPAPH_v6.00.0.1		√	
GPAPH_v6.02_RA			√
GPAPH_v6.02.0.2_RA			√
GPAPH_v6.03.0.2_GD		√	
GPAPH_v6.02.0.6_RA			√

ACS-AP-I Panel

This panel only has 1 hardware revision so it only has 1 software version.

Type	ACS-AP-I module
MRP code	3AUA0000064885
Revision	K and older
GPAPI_v5.95	√

ACS-AP-W

This panel has a few different revision groups. Be careful updating these, two revisions have the same revision numbers but support different software. If a panel has 5.95 base software, it cannot update to 6.xx software.

Type	ACS-AP-W module	
MRP code	3AXD50000025964	
Revision	H and older	J
GPAPW_v5.95	√	
GPAPW_v6.00.0.10		√
GPAPW_v6.05.0.1_GD		√
GPAPW_v6.05.0.1_ST	√	
GPAPW_v6.05.0.2_ST	√	
GPAPW_v6.05.0.3_ST	√	
GPAPW_v6.05.0.3_GD		√

ACH-AP-W

This panel has a few different revision groups. Be careful updating these, since two of the revisions have the same revision numbers but support different software. If a panel has 5.95 base software, it cannot update to 6.xx software.

Type	ACH-AP-W module	
MRP code	3AXD50000030360	
Revision	B and older	C
GPAPU_v5.95	√	
GPAPU_v6.00.0.10		√
GPAPU_v6.05.0.1_GD		√
GPAPU_v6.05.0.1_ST	√	
GPAPU_v6.05.0.2_ST	√	
GPAPU_v6.05.0.3_ST	√	
GPAPU_v6.05.0.3_GD		√

For more information see the manuals below.

- ACS-AP-I,-S,-W and ACH-AP-H,-W Assistant control panels manual   3AUA0000085685