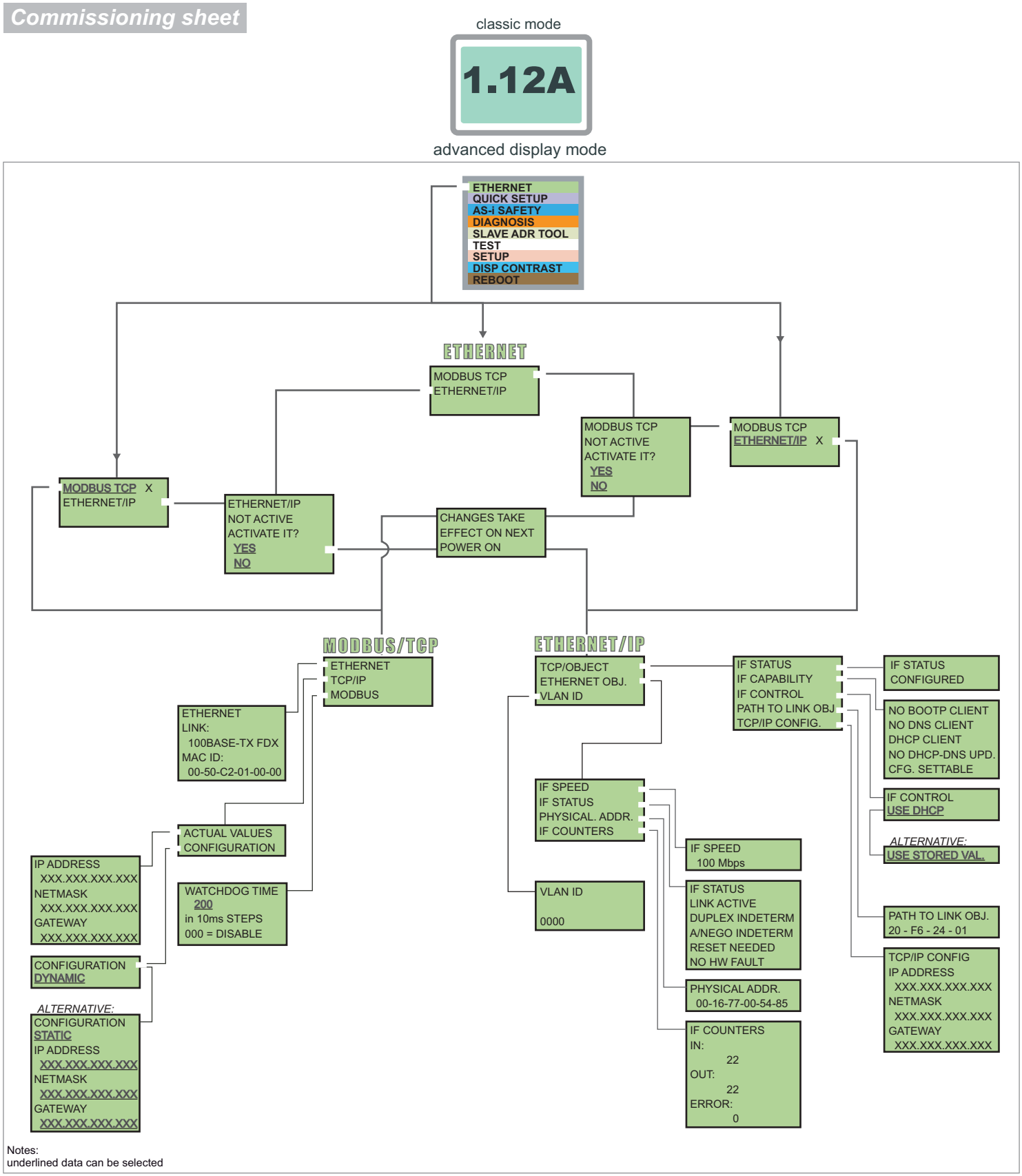
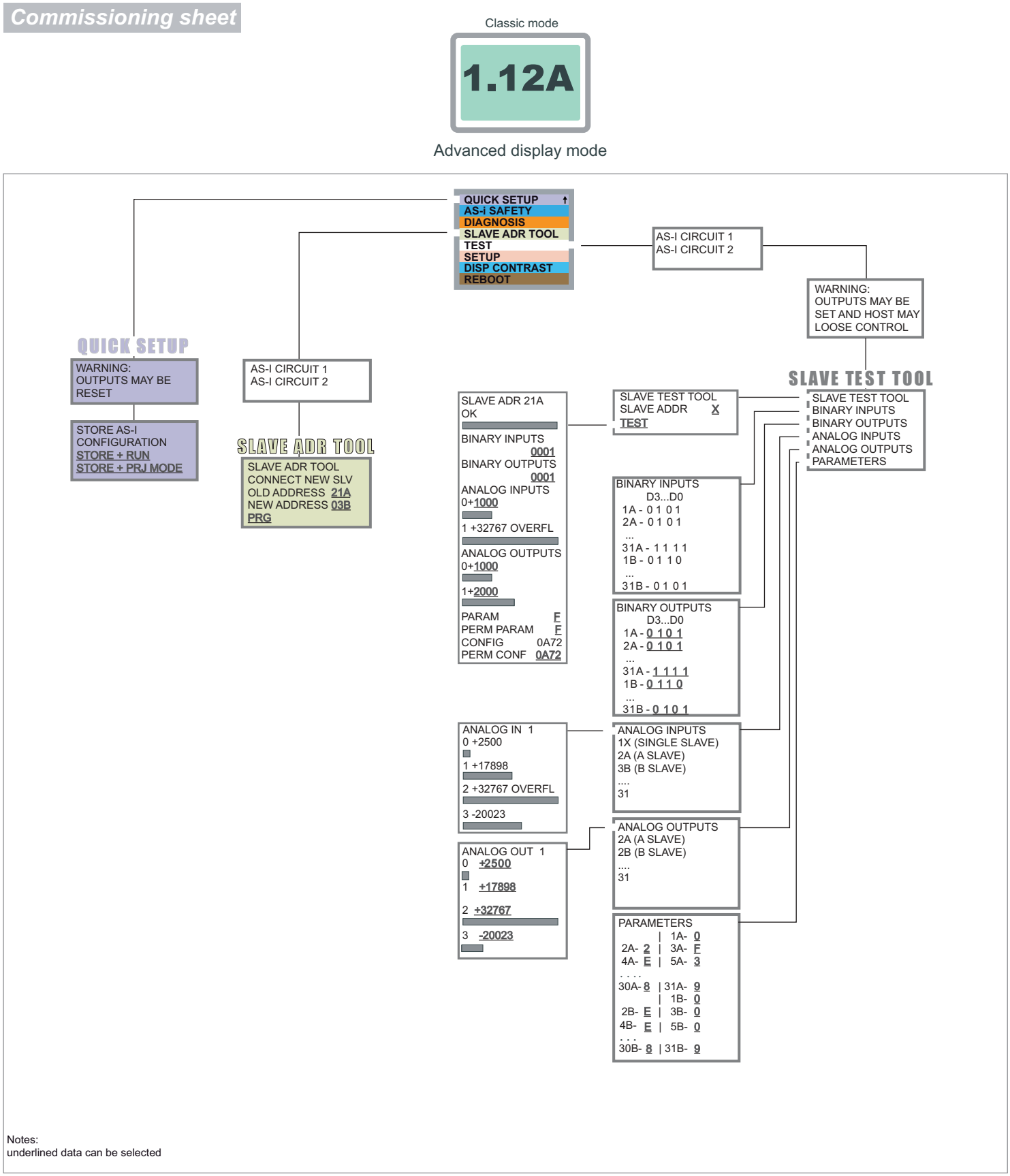
Commissioning sheet



Basic Operation

The device starts in the traditional mode. You can switch between the two modes with ***ESC*** or ***OK***. In the advanced mode the cursor is moved by both arrow buttons. Pushing ***OK*** puts you to the superior menue (in the drawing one step to the right side). ***ESC*** puts you back to the previous menue. To edit data you first mark them with the cursor and then select them with ***OK***, change them with the arrow buttons and finally apply them with ***OK***. Pushing ***ESC*** cancels the editing.

Commissioning sheet



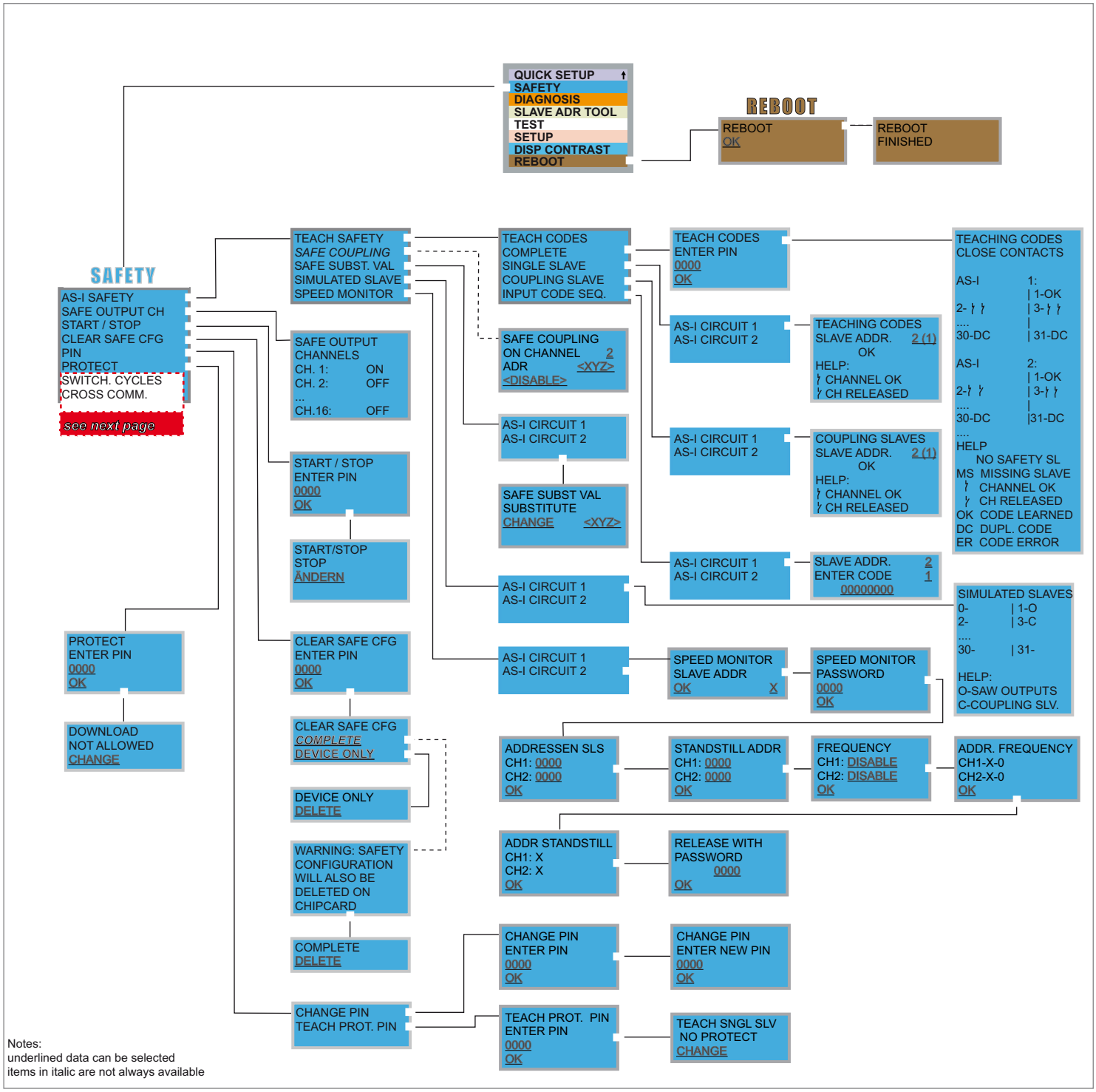
Notes:
underlined data can be selected

Commissioning sheet

Classic mode

1.12A

Advanced display mode

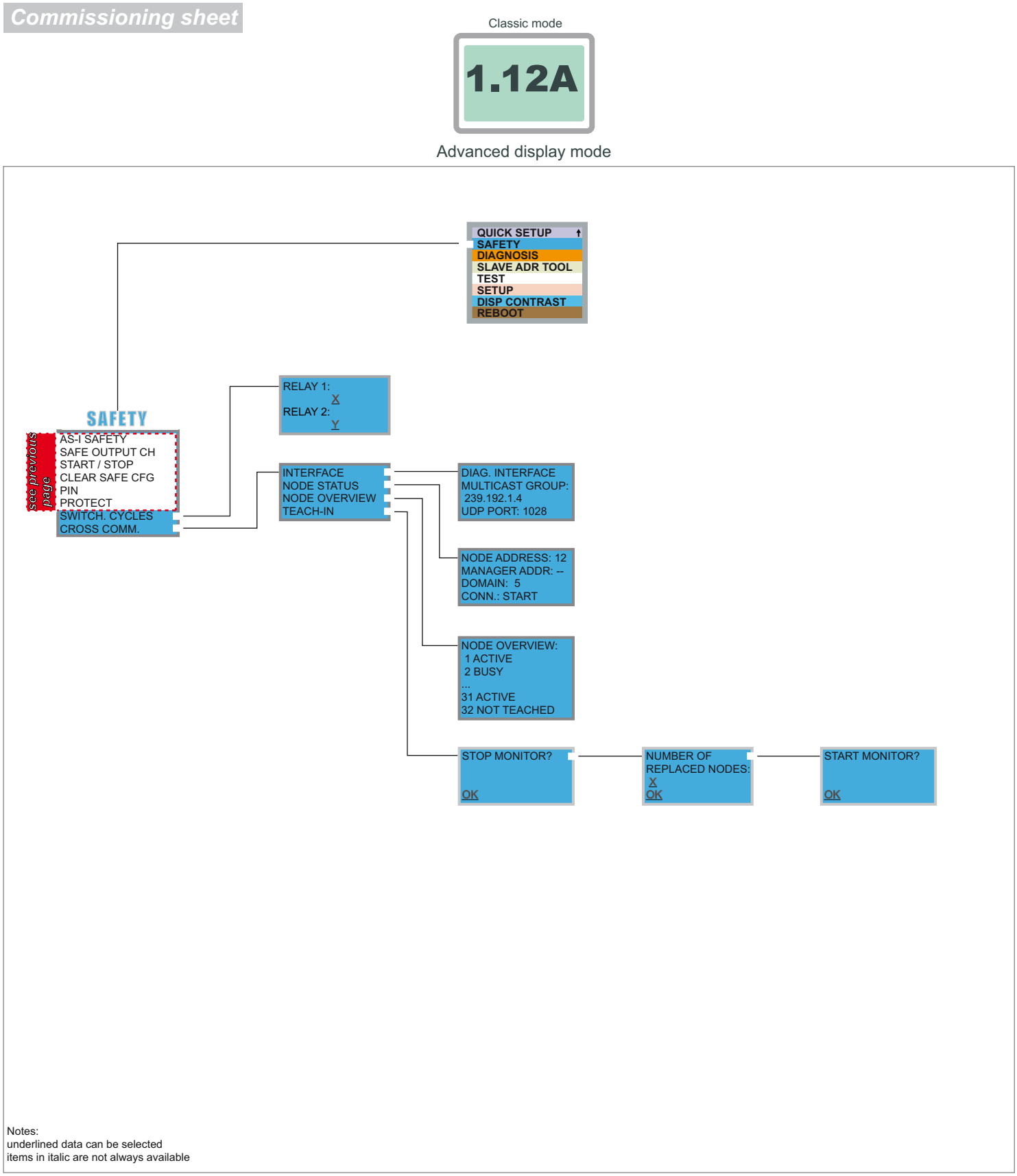


Notes:
underlined data can be selected
items in italic are not always available

Basic Operation

The device starts in the traditional mode. You can switch between the two modes with ***ESC*** or ***OK***. In the advanced mode the cursor is moved by both arrow buttons. Pushing ***OK*** puts you to the superior menue (in the drawing one step to the right side). ***ESC*** puts you back to the previous menue. To edit data you first mark them with the cursor and then select them with ***OK***, change them with the arrow buttons and finally apply them with ***OK***. Pushing ***ESC*** cancels the editing.

Commissioning sheet



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Basic Operation

The device starts in the traditional mode. You can switch between the two modes with ***ESC*** or ***OK***. In the advanced mode the cursor is moved by both arrow buttons. Pushing ***OK*** puts you to the superior menue (in the drawing one step to the right side). ***ESC*** puts you back to the previous menue. To edit data you first mark them with the cursor and then select them with ***OK***, change them with the arrow buttons and finally apply them with ***OK***. Pushing ***ESC*** cancels the editing.

Commissioning sheet

Classic mode

Advanced display mode

Notes:
underlined data can be selected

QUICK SETUP
SAFETY
DIAGNOSIS
SLAVE ADR TOOL
TEST
SETUP
DISP CONTRAST
REBOOT

DIAGNOSIS

AS-I CIRCUIT 1
AS-I CIRCUIT 2

SAFETY SLAVES
INT MONITOR
EXT MONITOR
FAULT DETECTOR
DELTA LIST
LCS
ERROR COUNTERS
LPF
FLAGS
ACTUAL CONFIG
AS-I MASTER
AS-i CURRENT

LCS LIST OF CORRUPTED SLAVES
RESET
| 1A-X
2A- | 3A-
4A-X | 5A-X
....
30A-X | 31A-
| 1B-X
2B-X | 3B-X
4B-X | 5B-X
....
30B-X | 31B-X

LPF LIST OF PERIPH. FAULTS
| 1A-X
2A- | 3A-
4A-X | 5A-X
....
30A-X | 31A-
| 1B-X

FLAGS: 0131 05
0000 0001
0011 0001
0000 0101
0000 0101
1 PERIPHERY_OK
0 OFFLINE_READY
0 AS-I_PWR_FAIL
1 NORMAL_OP.
1 CONFIG_ACTIVE
0 AUTO_ADDR_AVL
0 AUTO_ADDR_ASN
0 LDS.0
0 CONFIG_OK

1 AUTO_ADDR_ENA
0 OFFLINE
1 DATA_EXCH_ACT

AKTUAL CONFIG
0A | 1A-C
....
30A-X | 31A-D
| 1B-X
....
30A | 31B-F
HILFE
X O.K.
D DETECTED ONLY
UNKNOWN SLAVE
P PROJ. ONLY
MISSING SLAVE
C TYPE CONFLICT
F PERIPH. FAULT
A DUPLICATE ADDR

AS-I CURRENT
RESET
MAXIMAL:
0.0 A
ACTUAL:
0.0 A
CURRENT LIMIT:
4.0 A

ORDER NUMBER:
XXXX

IDENT CODE:
13946
SWID:
72895
COMMAND INTERF.:
4
MASTER CPU:
69296
CLUE LOGIC:
70550
FEATURE STRING:
.B..DC2
OA.AUT.
SWID SPC:
68244
SAFETY VERSION:
4.3
SAFE CPU A:
31166
SAFE CPU B:
31158
UART 1:
72052
UART 2:
72052

AS-I CIRCUIT 1
AS-I CIRCUIT 2

SAFETY ORIENTED SLAVES
| 1-
2- | 3-
4- | 5-
...
HELP:
CHANNEL OK
CH. RELEASED
ON OUTPUT ON
OFF OUTPUT OFF
? OUTPUT STATE
UNKONOWN

INT SAFETY MON
DIAGNOSIS
LAST DIAGNOSIS
VIEW CONFIG

EXT SAFETY MON
ADDRESS 10
MODE: SORTED/V1
OK

FAULT DETECTOR
RESET
HISTORIC:
EFLT OVRV NOIS
ACTUAL:
EFLT OVRV NOIS
DUP ASI ADR:
0 |31B
EFLT RATIO:
ASI+ 1 %
ASI DC VOLTAGE:
31,5 V
HELP:
EFLT EARTH FAULT
OVRV OVERVOLTAGE
NOIS NOISE
DUP ASI ADR
DUPLICATE AS-I
SLAVE ADDRESS

DELTA LIST
0- | 1A-X
2A-X | 3A-X
4A-X | 5A-X
....
30A-X | 31A-
| 1B
2B- | 3B
....
30B | 31B

ERROR COUNTERS
FOR SLV. DETAILS
PRESS OK ON ADDR
RESET
APF - 0
TOTAL
1A - 0
...
31A - 65535
1B - 34
...
30B - 0

INT SAFETY MON
COMPLETE
DIAG INDEX

DIAGNOSIS
CH. 1
OK

INT SAFETY MON
DIAGNOSIS
STATUS: CFG
...
AS-I 1
SLAVES
| 1-
...
AS-I 2
...
A COLOR

HELP:
CHANNEL OK
CH. RELEASED
ON OUTPUT ON
OFF OUTPUT OFF
? OUTPUT STATE
UNKNOWN
A DEVICE ADDR.

LAST DIAGNOSIS
CH 1 COMPLETE
CH 1 DIAG INDEX

INT SAFETY MON
LAST DIAG CH
STATUS: CFG
A COLOR
32 RED
33 GREY
34 F YELLOW
....
HELP:
A DEVICE ADDR.
+ CHANGED

MONITOR CONFIG
MASTER
CONFIGURATION
32-AS-i-MASTER

MON. VER.: X.X
RELEASED
BY XXXX XXXX
ON XXXX/XX/XX
AT: XX:XX
RELEASED CODE:
XXXX

Safety Monitor Generation II

Safety Monitor Generation I

EXT SAFETY MON
DIAGNOSIS
MODE: UNSORTED
CH.1: ON
...
ASI 1
SLAVES
| 1-
2- | 3-
4- | 5-
...
A COLOR
32 RED
HELP:
CODE OK
CH RELEASED
A DEVICE ADDR.

EXT SAFETY MON
COMPLETE
DIAG INDEX

DIAGNOSIS
CH. 1
OK

EXT SAFETY MON
DIAGNOSIS
LAST DIAGNOSIS
VIEW CONFIG

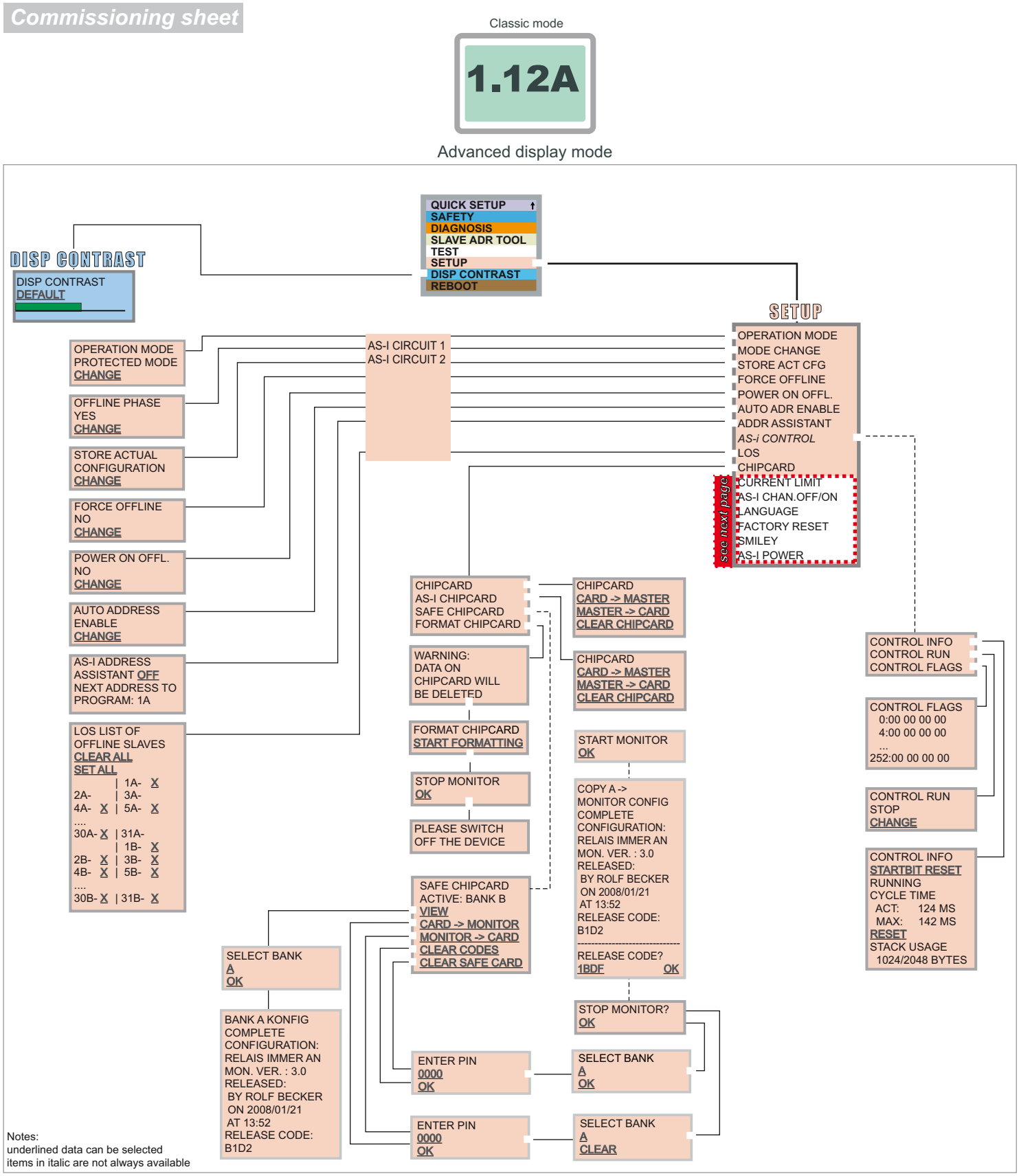
LAST DIAGNOSIS
COMPLETE
DIAG INDEX

EXT SAFETY MON
LAST DIAG CH1
CH.1: OFF
A COLOR
32 RED
33 GREY
34 F YELLOW
....
HELP:
A DEVICE ADDR.
+ CHANGED

SLAVE ADDR. 4A
NO SLV. :
5
NO SLV. TEL.:
31
SLV. TEL. ERROR:
1
PERIPH. FAULTS:
2
PROTOCOL FAULT:
1

MONITOR CONFIG
COMPLETE
CONFIGURATION
FGDG
MON. VER.: X.X
RELEASED
by XXXX XXXX
ON
XXXX/XX/XX
AT XX:XX
RELEASE CODE:
XXXX

Commissioning sheet



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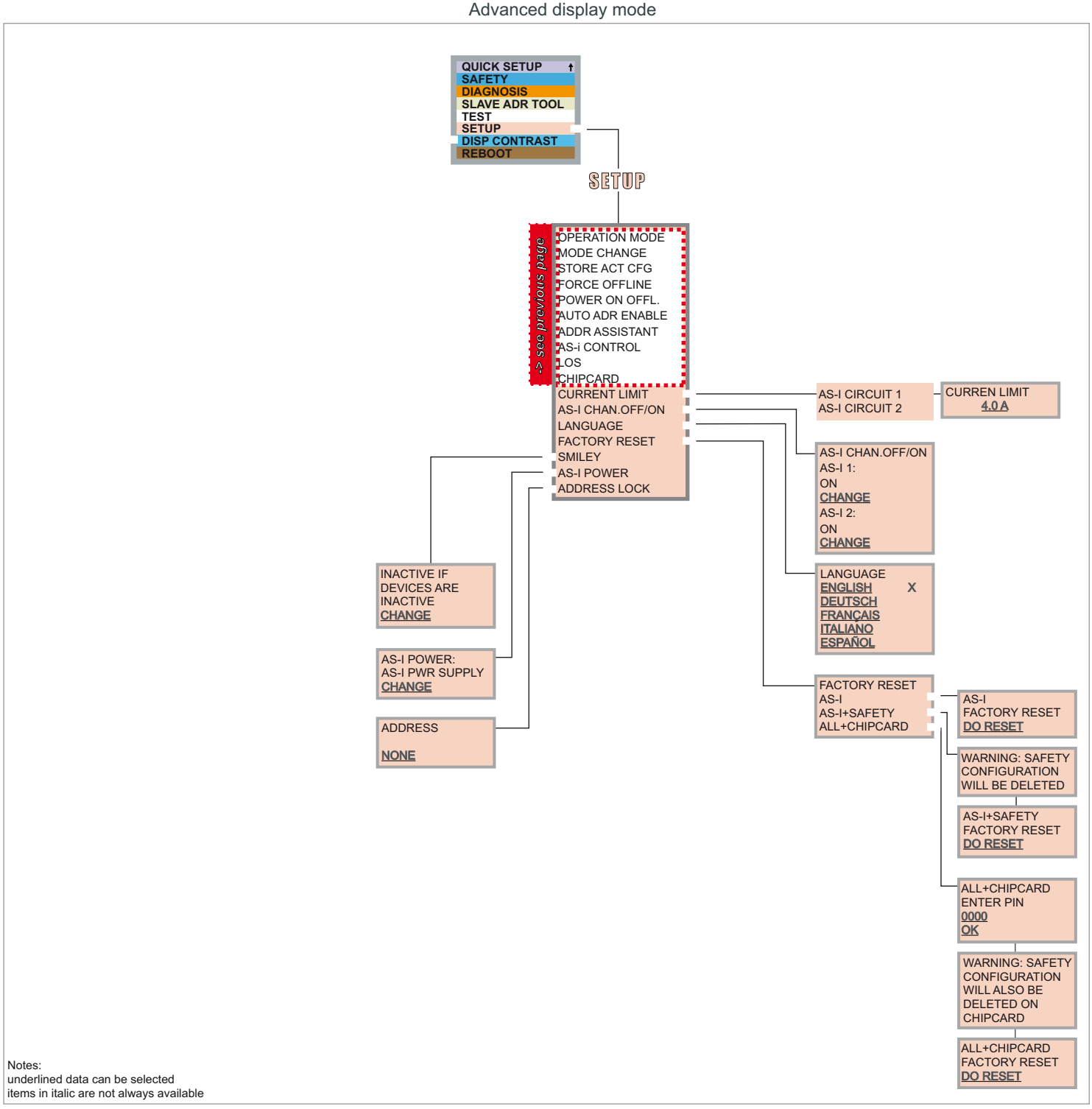
Commissioning sheet

Classic mode

Advanced display mode



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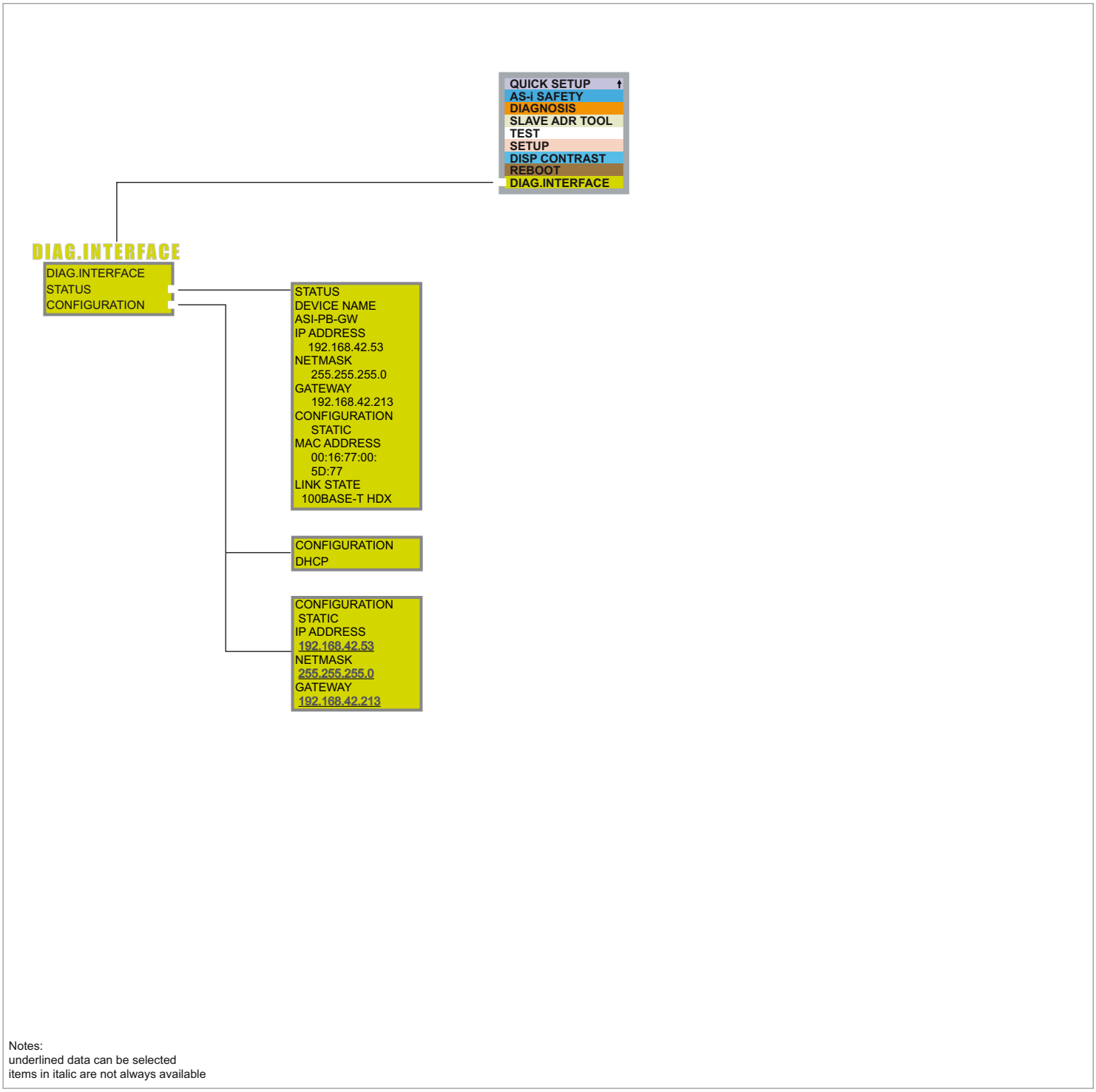
Advanced display mode



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