Technical data sheet-industrial motors electric self-closing

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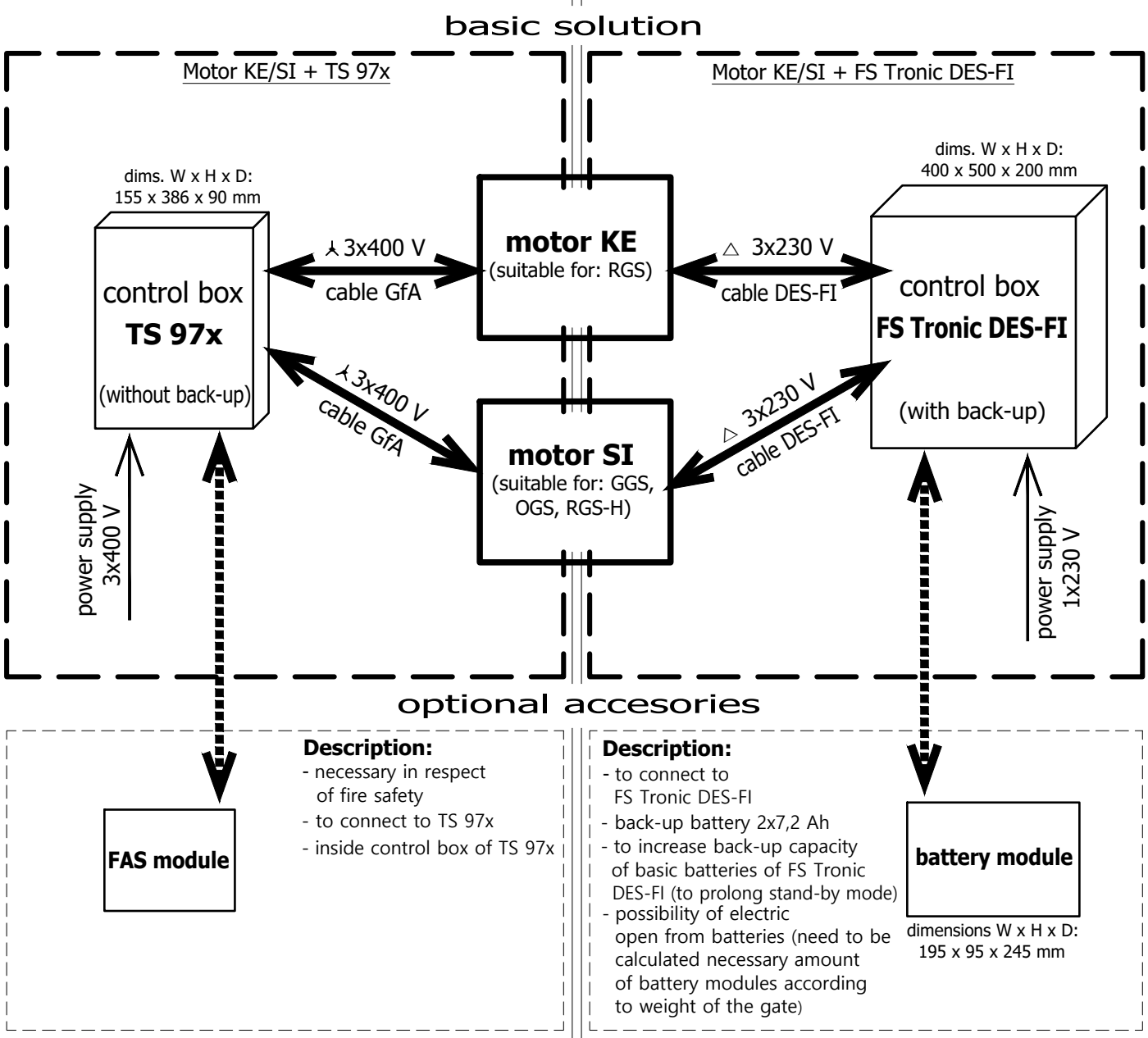
Block scheme



FAS module

Description:
- necessary in respect of fire safety
- to connect to TS 97x
- inside control box of TS 97x

battery module

dimensions W x H x D:
195 x 95 x 245 mm

Description:
- to connect to FS Tronic DES-FI
- back-up battery 2x7,2 Ah
- to increase back-up capacity of basic batteries of FS Tronic DES-FI (to prolong stand-by mode)
- possibility of electric open from batteries (need to be calculated necessary amount of battery modules according to weight of the gate)

Description of basic solution:

Motor KE/SI + TS 97x
- for fire self-closing it is necessary to secure power supply with back-up from the network
- industrial motor with long-cycle life up to 100.000 cycles
- electric self-closing (when back-up is secured)
- power supply 3x400 V/16 A
- possible to open manually with hand crank or hand chain operator
- for automatic operation, there is necessary to add safety device (e.g. optical safety edge OSE)
- with digital end switches - enable electronic setting of end positions

Description of basic solution:

Motor KE/SI + FS Tronic DES-FI
- industrial motor with long-cycle life, up to 100.000 cycles
- electric self-closing
- power supply 1x230 V/20 A
- closing from integrated batteries in case of alarm
- possible to open manually with hand crank or hand chain operator
- possibility of electric open from batteries
- for automatic operation, there is necessary to add safety device (e.g. optical safety edge OSE)
- with digital end switches - enable electronic setting of end positions
- smooth run due to frequency inverter (increases lifespan of gate)
- possibility of speed regulation on frequency inverter