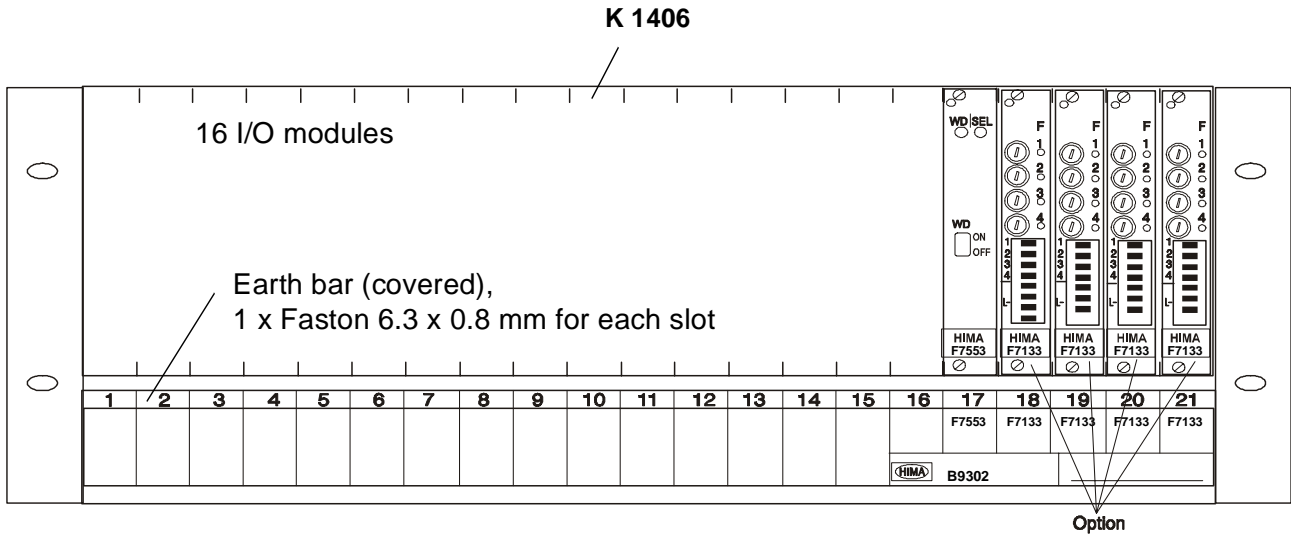




B 9302

Assembly kit B 9302-0,5 (-1, -X)
I/O-rack 4 units high



Parts of the assembly kit B 9302:

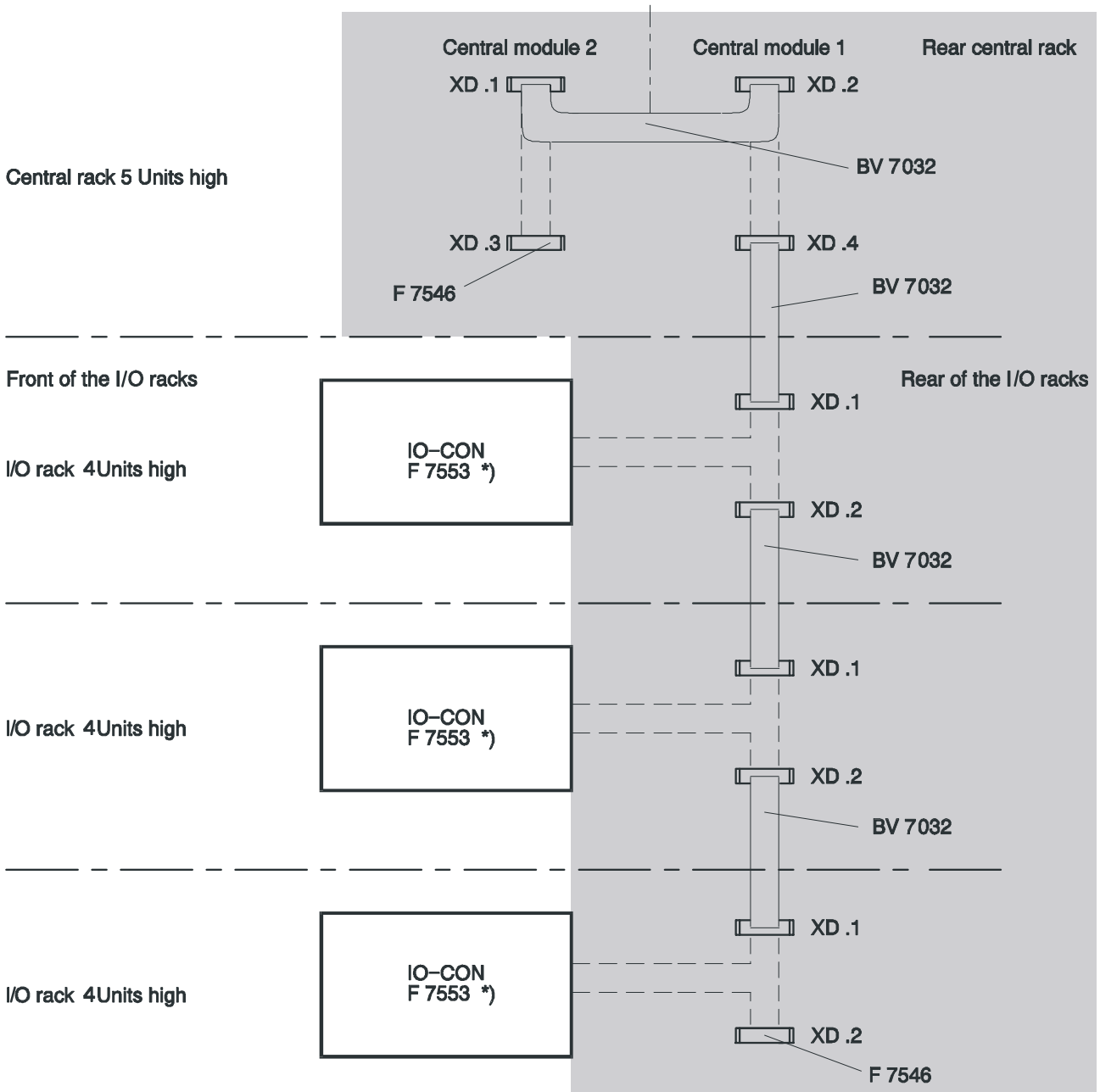
- 1 x F K 1406 I/O rack, 4 units high, 19 inch, with integrated cable tray, with a hinged receptacle for the label
- 1 x F 7553 Coupling module (in slot 17)
- 1 x BV 7032 flat cable, length is dependent on the order. Standards are B 9302-0,5 (with 0.5 m cable) and B 9302-1 (with 1 m cable). Assembly kit with choosable cable length B 9302-X. Total bus length is maximum of 30 m.

The slots 1 through 16 of the rack K 1406 are reserved for I/O modules.

Modules for option (separate order):

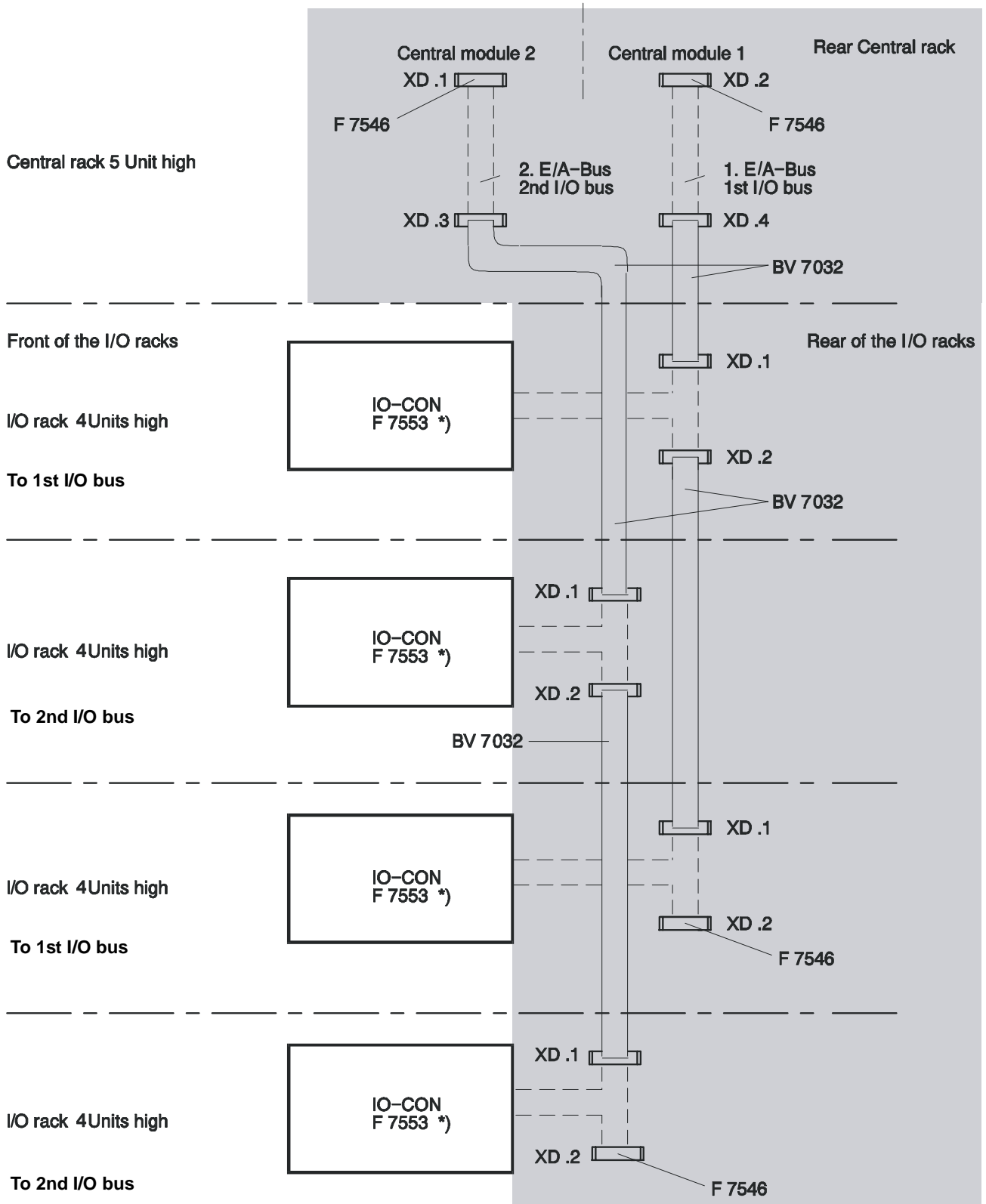
- 1 ... 4 x F 7133 4-fold power distribution with fuses (slots 18 ... 21) to fuse and distribute L+ (EL+) and L-.

The fuse monitoring on the current distribution modules are internally switched in series. A corresponding fault signal is served via a neutral contact. The fault contact of a not installed current distribution module is bypassed by a jumper.



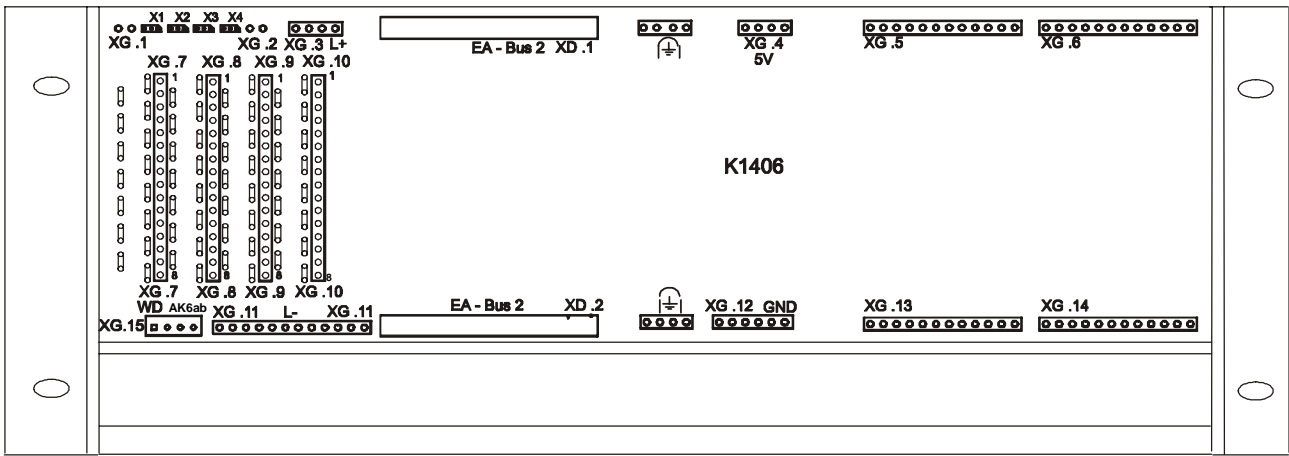
*) Set I/O rack address by means of a coding switch (refer to data sheet F 7553)

Wiring of the single channel I/O bus



*) Set I/O rack address by means of a coding switch (refer to data sheet F 7553)

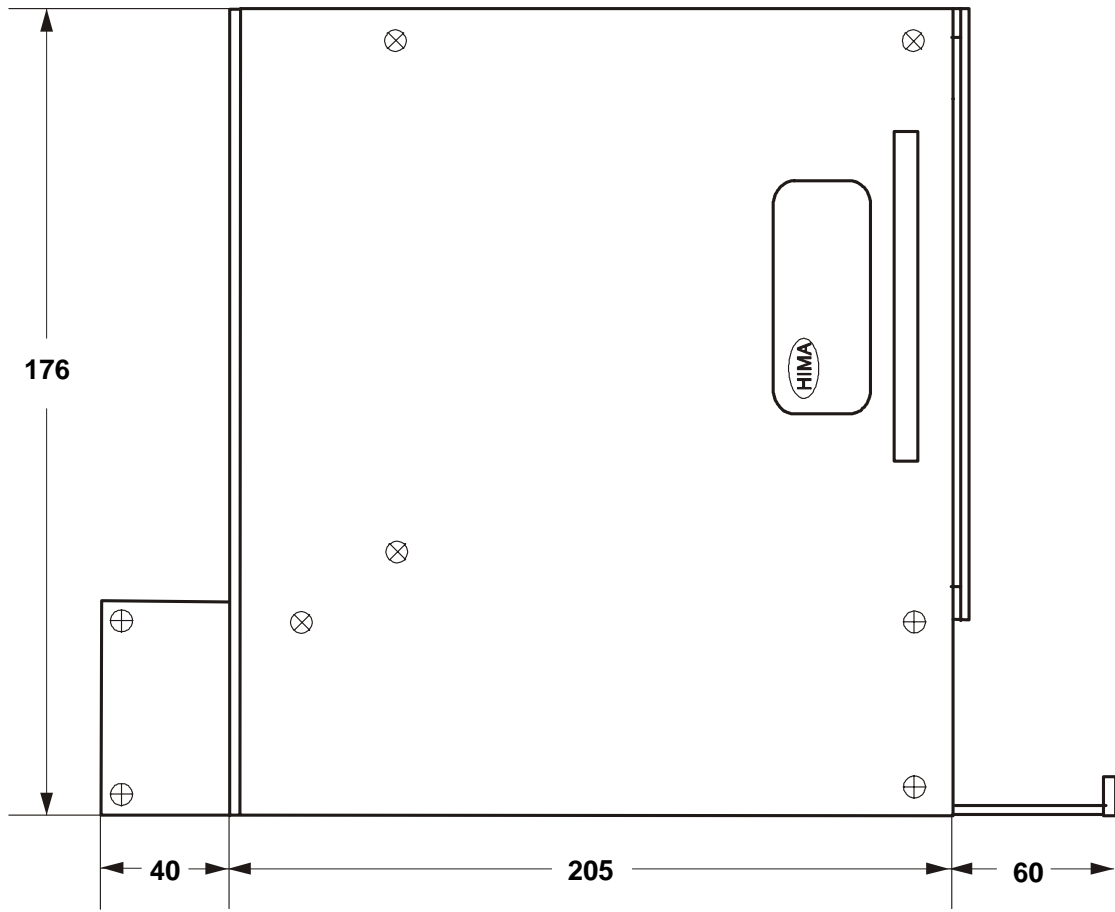
Wiring of the redundant I/O bus



Rear

Connections on the rear of the I/O subrack K 1406 (refer also to: Supply, feeding and distribution of the 24 V system voltage, diagram):

- | | |
|--------------|--|
| XG .1, XG .2 | Fuse monitoring (neutral contacts on current distribution module F 7133, not equipped F 7133 slot can be overridden by the jumpers X1 ... X4)
 = Slot equipped |
| XG .3 | Supply EL+
for F 7133 and F 7553
To be wired with output XG. 24/25 of the central rack
Reference pole: XG .11 (L-) |
| XG .4 | + 5 V
To be wired with XG. 2 of the central rack
Reference pole: XG .12 (Gnd) |
| XG .5 | Potential distributor, free disposal of |
| XG .6 | Potential distributor, free disposal of |
| XG .13 | Potential distributor, free disposal of |
| XG .14 | Potential distributor, free disposal of |
| XG .7 | L+ to F 7133, slot 21 |
| XG .8 | L+ to F 7133, slot 20 |
| XG .9 | L+ to F 7133, slot 19 |
| XG .10 | L+ to F 7133, slot 18
Max. backup fuse 25 A gL each |
| XG .11 | Potential distributor L-
Note: To be wired to the central L- bus bar with at least 2 x 2,5 mm ² sw. If output modules with 2pole connection to the actors are used depending on the load up to 4 x 2,5 mm ² sw wiring is necessary |
| XG.12 | Potential distributor GND
To be wired with XG. 3 of the central rack |
| XG .15 (1+2) | WD (Watchdog signal) from the central module XG. 1, or from XG. 15 of another I/O subrack |



Side view