MA-XRF Scanner Housing Parts List

Alu Profile Profile 8 40x40 E, natural <https://nl-product.item24.com/en/productdetails/products/line-8-construction-profiles-1001042794/profile-8-40x40-e-natural-7000009/>

4x length 900mm

4x width 500mm

4x height 660mm

* 5x (or 6x) Ball Latch 8 PA <https://nl-product.item24.com/en/productdetails/products/latches-1001046562/ball-latch-8-pa-38820/>
* 6x (or 9x) Hinge 8 40 Zn, black <https://nl-product.item24.com/en/productdetails/products/hinges-zn-1001012560/hinge-8-40-zn-black-19636/>
* 24x Angle Bracket Set X 8 40x40 <https://nl-product.item24.com/en/productdetails/products/line-xms-fasteners-1001280534/angle-bracket-set-x-8-40x40-60162/> or Automatic-Fastening Set 8 40 <https://nl-product.item24.com/en/productdetails/products/automatic-fastening-sets-1001012019/automatic-fastening-set-8-40-67284/>
* 38x +hingex2+latchx2 T-Slot Nut V 8 St M8, bright zinc-plated <https://nl-product.item24.com/en/productdetails/products/t-slot-nuts-st-1001042830/t-slot-nut-v-8-st-m8-bright-zinc-plated-48048/>

Steel plates

3x top plate 980x580mm2

1x side plate 660x580mm2

1x back plate 980x660mm2

3x hinge plate 40x660mm2

2x side door 450x660mm2 (or longer?)

1x front door 660x540mm2

Electronics

* 1x safety connecter <https://www.digikey.nl/en/products/detail/on-shore-technology-inc/EDZ1550-4/250569>
* https://nl.farnell.com/wurth-elektronik/691361300004/terminal-block-pluggable-4pos/dp/1642001?st=pluggable%20terminal%20block%203.81
* 1x (or 3x?) 100ohm resistor
* 5x https://nl.farnell.com/omron/ss-10gl/micro-sw-hinge-lever-spdt-10a/dp/2787208
* 1x (or 2x) LED
* Wires?

70-80x Screws M8x20

2x M8 nut