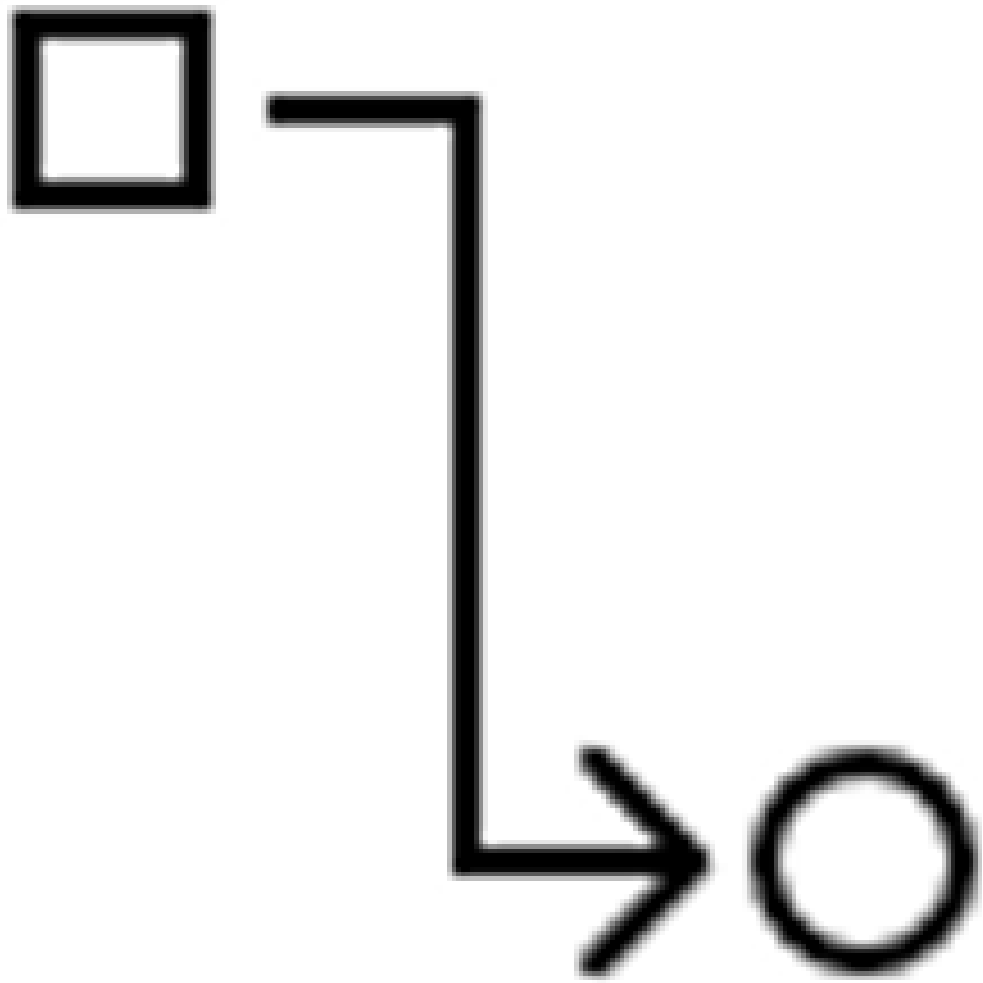
5 of 7: s-series kiosk - Connectivity

Release Notes

Release Notes:

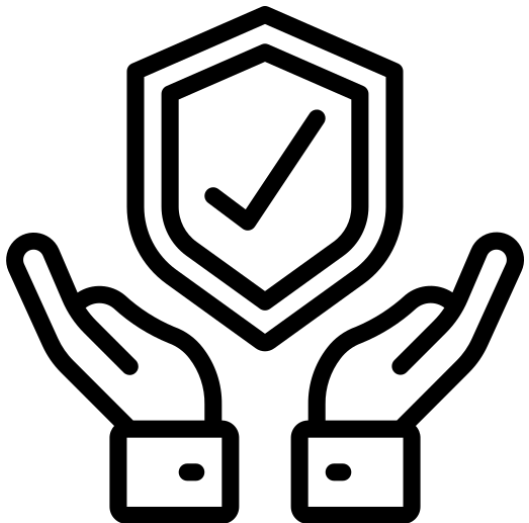
V1.01 19 Nov 2024: Improved structure

V.1.00 - 15 Nov 2024: Connectivity on installation site is phase 5 of the installation on site.



Purpose and scope:

This procedure describes Connectivity, which is phase 5 in the installation process. Phase 4 is Fastening.



Note:

For a complete understanding, ensure you review all 7 phases of the on-site installation process, and the Health, Safety, Environmental (HSE), legal, and insurance instructions.

It is mandatory to read and fully understand the separate instructions dedicated to HSE, legal, and insurance requirements before proceeding.

- **Connectivity involves working close to a heavy object, with a high centre of gravity.**
- **Before proceeding with connectivity work, make sure that the kiosk assembly is securely fastened to ground and/ or rear wall.**

Type of cable	Cable-spec	Connector in cabinet
Power Cable 110-230V AC	H07 RN-F , 3 x 2.5kv (OD12mm)	SDS 316 AUX
Data Cable	Cat 5 or better. Shielded	RJ45 Grounded
Optional: Alarm-feedback	2x0.75kv	Wago etc. (reconnectable)

VAC Power and Signal

VAC Power and Signal are separated.

The Data cable is shielded and grounded at connection-point. Cable-tie points are provided.

Suggested spec for incoming cables: Consult qualified electrician.

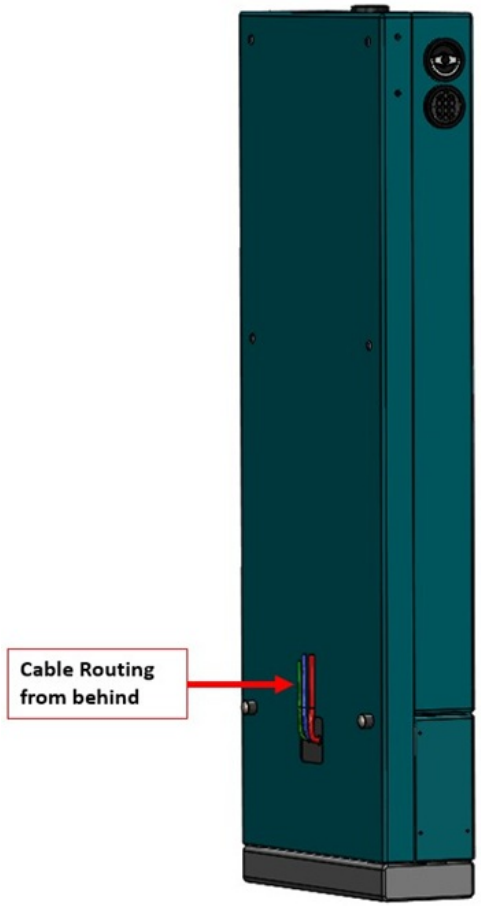
See the table for general information.

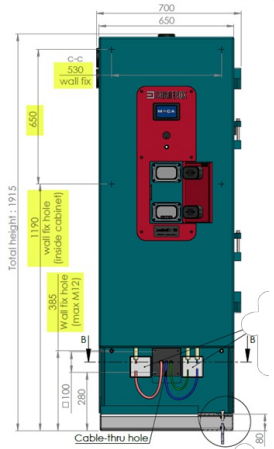
The kiosk is EMC-tested according to standards for "light industry"; EN55032 for emission and EN55024/35 for immunity.

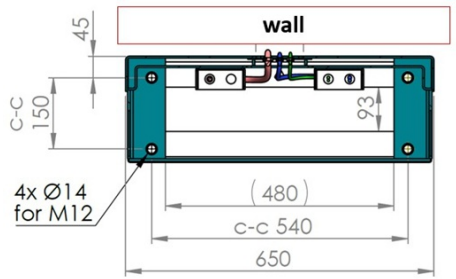
Kiosk communications are always started by the kiosk on these ports:

1. Outgoing TCP/UDP Port 5938 (for Teamviewer)
2. Outgoing TCP/UDP Port 5959 to 5970 (for RemoteIT)
3. Outgoing TCP/UDP Port 443 towards Sharebox server (IP 185.67.45.109)

The kiosk always uses Ethernet communication, if available. Otherwise an onboard GSM modem will establish connection to the Sharebox server.

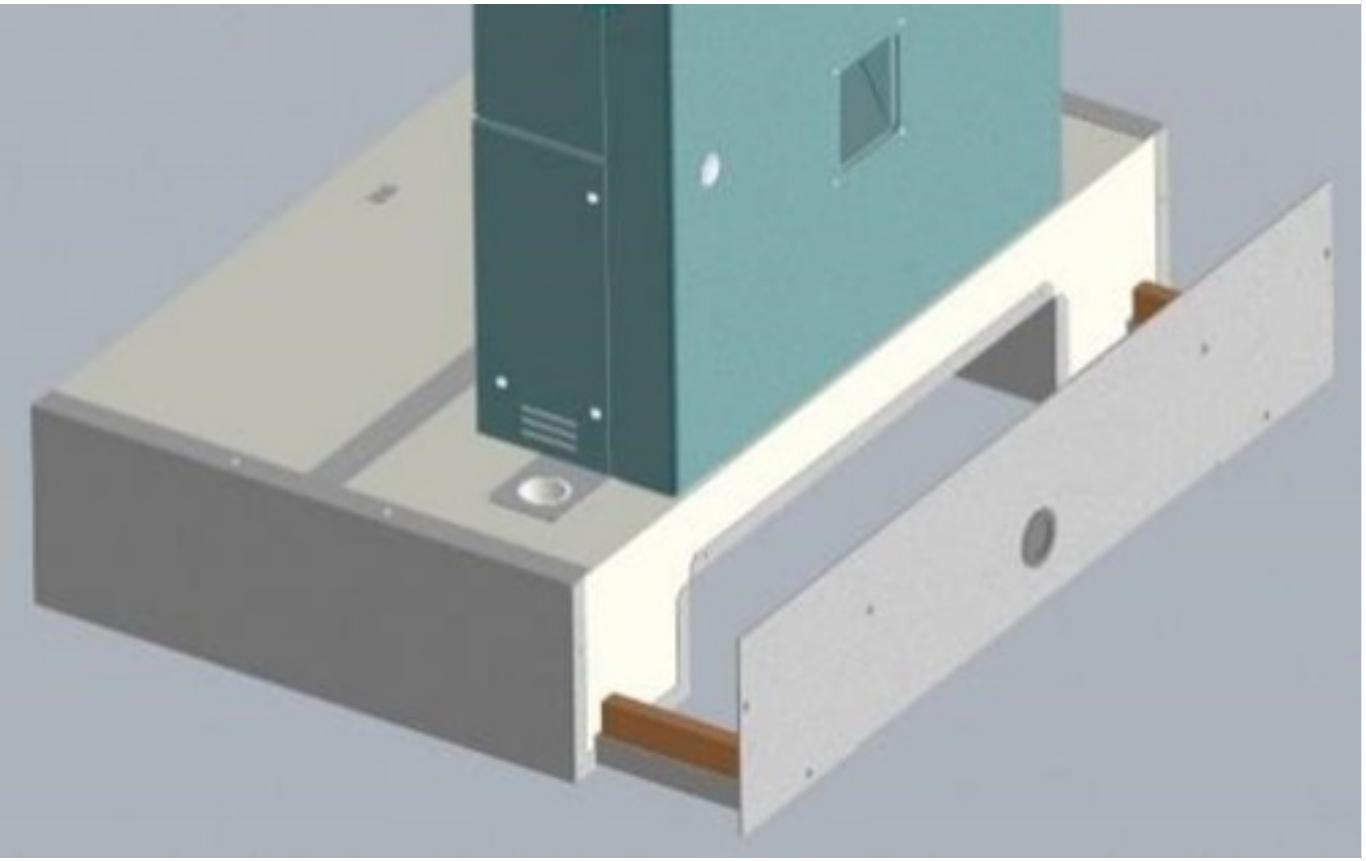






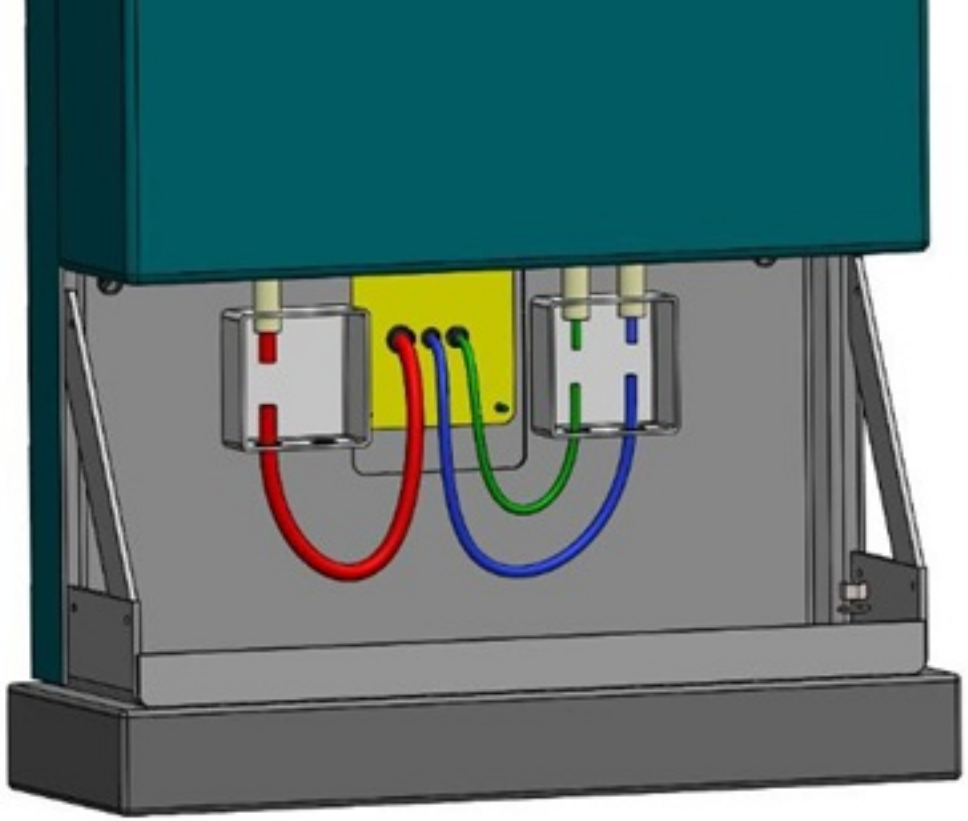
Cable routing from behind

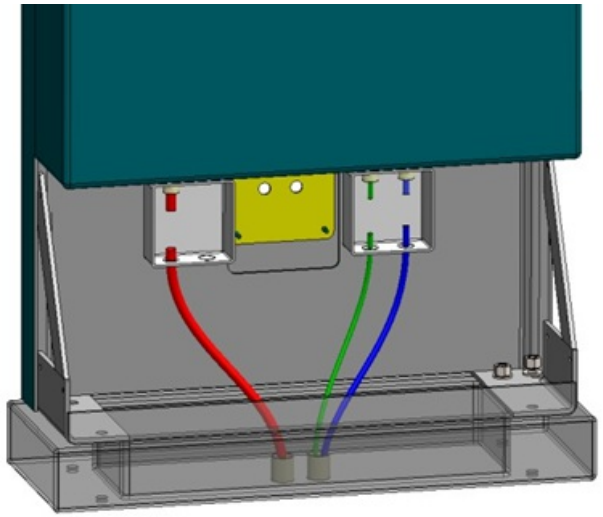
NOTE: Leave at least 20mm clearance to the wall, regardless of cable routing.



Cable routing up from ground

The hole (for pulling cabling) shall be facing towards back/wall. After positioning the kiosk over the concrete slab, the back plate needs to be fixed to the concrete base with 8 T25 torx screws.





3.5 Connecting cables

Connection of cables is to be done in the base of the product, in junction-boxes found behind the cover.

Cables can be routed in, either thru the back-frame or through the base (floor/ground).

- The cables are 230VAC power and ethernet (Data).
- Optional alarm connection.

NOTE: The illustrations are simplified.

TeamViewer:

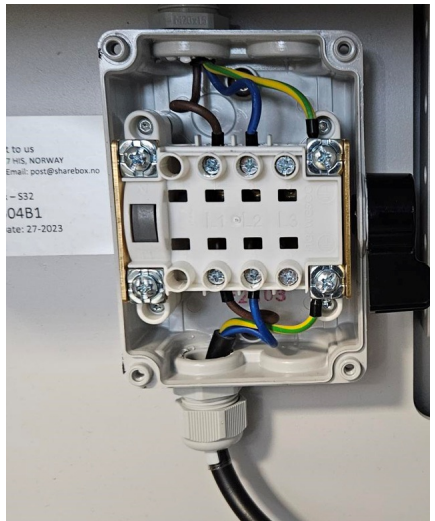
- Outbound connection: TCP/UDP Port 5938
- Destination IP addresses: *.teamviewer.com

Information can be found here:
https://community.teamviewer.com/t5/Knowledge-Base/Which-ports-are%02used-by-TeamViewer/ta-p/4139#toc-hId-792961694

RemoteIT:

Outbound connection:

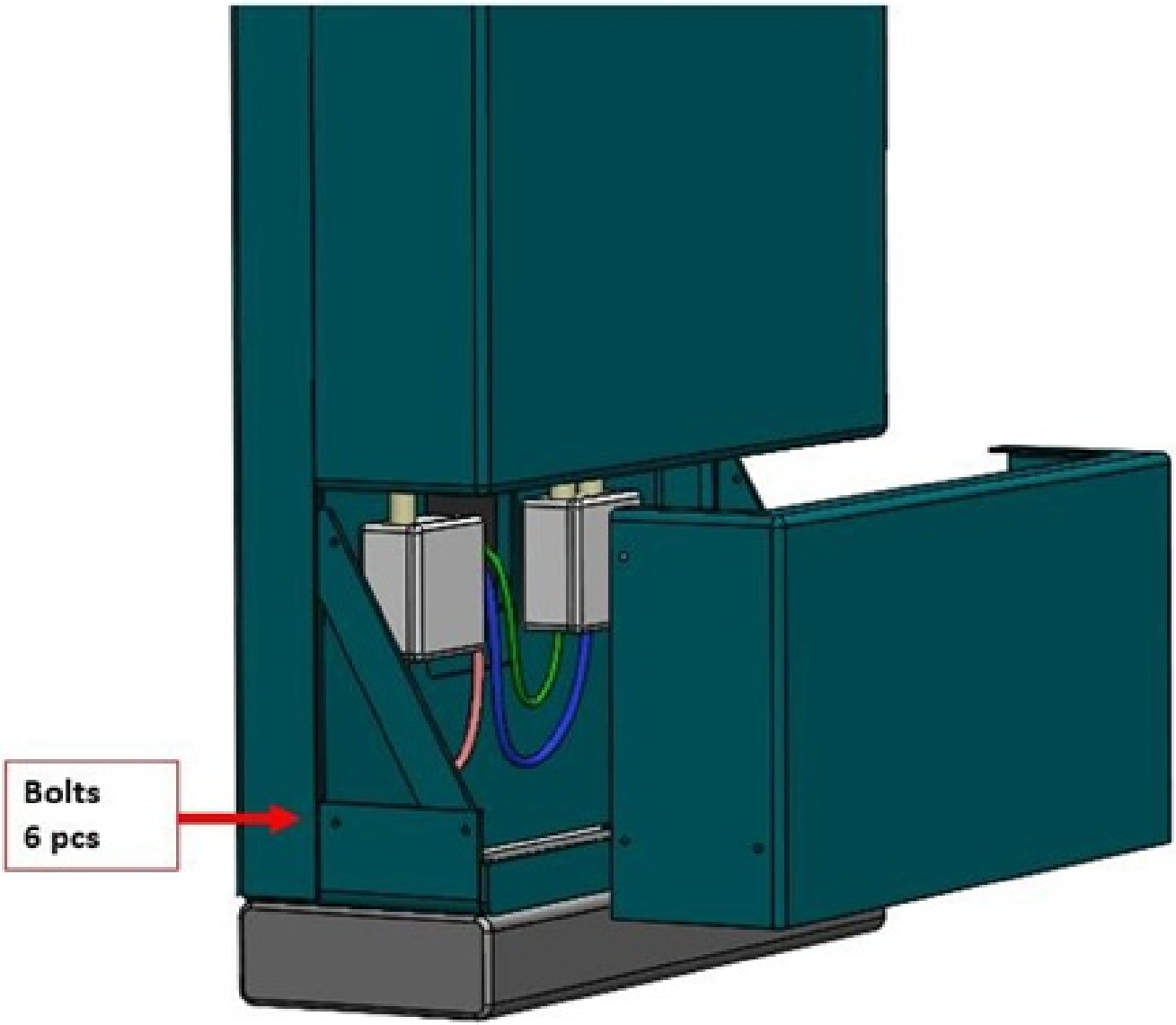
- TCP ports 443 for HTTPS and 80 for HTTP
- UDP from port 5959 to 5970
- Destination IP addresses: *.remot3.it, *.rt3.io



Main power switch:

The Sharebox s-series kiosk is fitted with a main power switch. Power cables from the kiosk are pre-connected and ready to be connected with the inlet power.

See placing of individual conductors inside of the On - off switch.



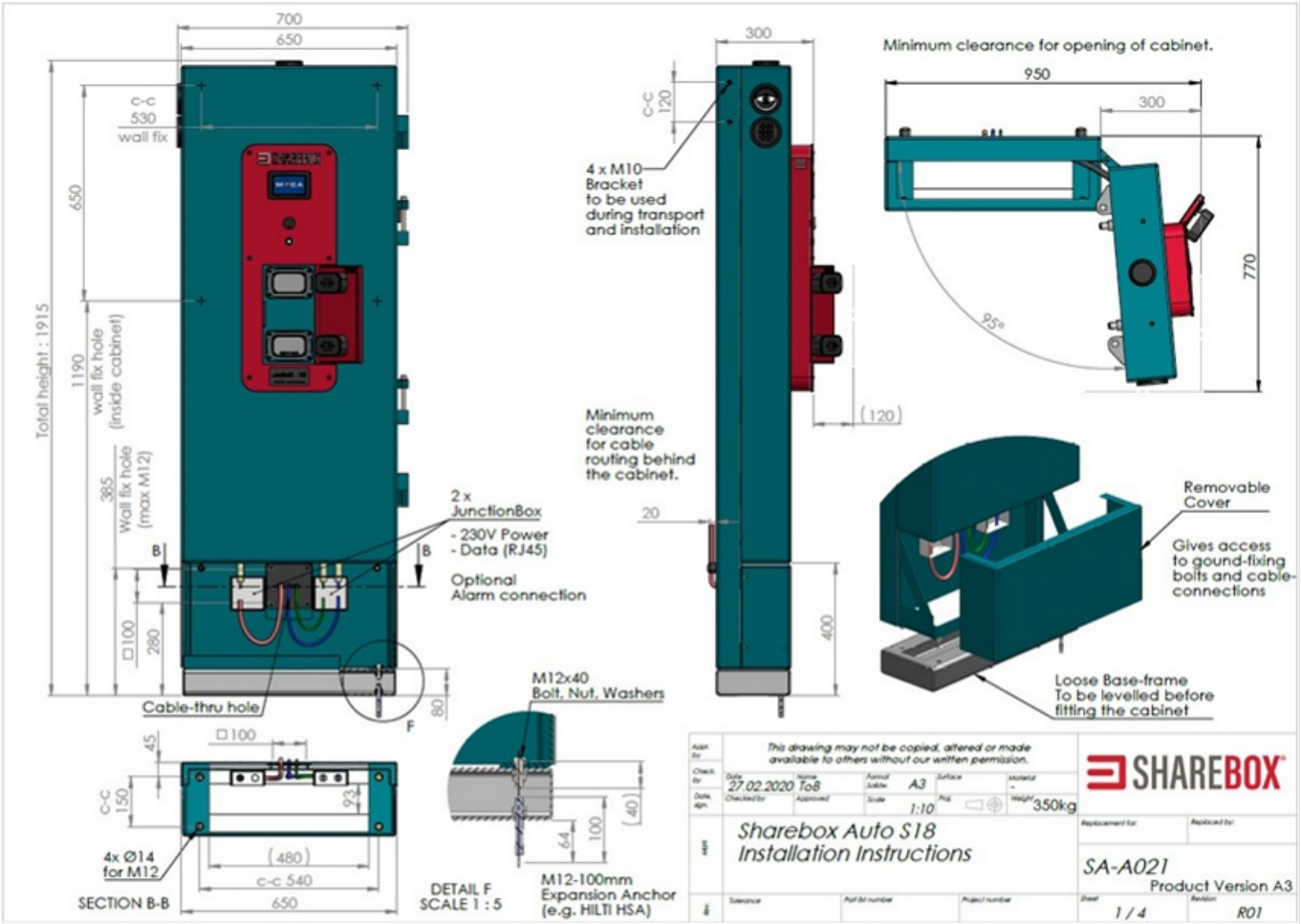
3.6 Fit lower cover

Fit the lower cover and fix with 6 x M5 “mushroom-head” bolts (A4-stainless steel).

3.7 Confirm function and connection

The product is ready to be placed in operation when power and data are connected.

Contact Sharebox support to confirm that the kiosk is online and perform self-test as required. The kiosk responds to its “Location ID number” found on the front plate.



6. Drawings, attachments

6.1 SA-A021 Installation Instructions